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62.09

Star Lilies

THE HARDY
TROPICAL

Collection No. 132

Free blooming lilies easy for the beginner to grow. They will make your pool a blaze of color all summer long. Turn to page 20 for a full description.

1 ROSE STAR
1 BLUE STAR
1 PINK STAR

\$4.50 VALUE—

Postpaid.....\$3.45



LIBRARY
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FEB 3 1934 ★
Department of Agriculture.



WATER LILIES

JOHNSON WATER GARDENS

SPECIALIST IN AQUATICS, CACTUS AND SUCCULENTS
HYNES, CALIFORNIA

TOY CACTUS COLLECTION

These five handsome and colorful cactus and succulents for a bowl will make an intriguing center piece for the library table. In the house they will thrive for months where other plants would die. Sent postpaid.....\$1.25

Star Cactus



Stone Face



Hart's Tongue



Airplant



Dumpling Cactus



Water Lilies are Easily Grown Everywhere!

Everyone Can Grow Them Successfully



Water gardens large or small are always the center of interest in a garden.

of soil. Commercial fertilizers or sheep manure are particularly recommended. Their use will insure a thrifty, luxuriant growth. Use one pound to each bushel and a half of soil.

Boxes. We recommend the use of boxes. They should be at least 15 inches square and 12 inches deep. Boxes 18 to 24 inches square give better flowers. Make them of pine wood and they will last 20 years. Remember, the larger the box the more and finer the flowers.

How Far Apart? A pool 4 by 6 feet will accommodate three or four lilies as well as Water Poppies, Water Hawthorne, Arrowheads, Water Hyacinths or equivalent plants. A pool 10 feet in diameter will accommodate six to ten lilies and also a number of other aquatic plants.

Planting. It is well to fill the pool before planting. After planting, the boxes or pails may be easily set in the water. If the boxes are too large to move it is easy to set the plants beneath the water. In planting simply scoop a small hole out and plant the roots **horizontally** and **not upright**, with the growing end just flush with the surface. It is not necessary to cover the box with gravel unless there are large goldfish present. Large goldfish are a nuisance as they eat the roots of lilies and keep the water riled and dirty.

Tropical Water Lilies. These should be planted **upright** as they are shipped as growing, potted plants. Just cover the ball with soil. **Do not allow the leaves to wither or the plant will be severely checked. Fill pool before planting.**

When to Plant. Hardy water lilies may be planted from February on in the Southern and Pacific Coast States. In the Middle West and East April is early enough. In the Northern States April 15th gives plenty of time. Planting may be continued throughout the late spring and summer with great success. In mild climates Hardy Lilies may be planted almost the year around. Tropical Lilies should not be planted until the weather is settled and warm with an average temperature of 70°. May in warm regions and late May or early June farther north.

Winter Care. Hardy Lilies grow wild in cold northern regions and need no protection other than from direct freezing of the roots. Where the water is deep enough not to freeze below the roots they will come through unharmed. Since dry rot is the worst enemy of stored plants in the winter it is best to leave them in the pool under natural conditions. Cover the pool well with boards then apply a thick covering of leaves or straw and the water will not freeze deeply or crack the cement. This is the ideal way to winter hardy aquatics and goldfish. If the pool must be drained the lilies should be removed to a cold cellar or placed in a deep trench and well covered, keeping moist at all times. Tropical Lilies are hardy only where oranges may be grown.

Winter Care of the Tub Garden. Empty the water out, then fill the tub full of leaves or straw, covering the tub closely with boards to keep out the rain. Cover all over thoroughly with litter for further protection.

Winter Care of Goldfish. Common goldfish are hardy in natural pools or where the pool is covered. Be sure and break the ice frequently to keep the water fresh. It is best in small pools to remove fish to basement, keeping them in tubs.

Pests. Plant lice or aphis which sometimes attack the leaves should be immediately hosed off, when the fish will eat them. Mosquitos are always kept completely in check by goldfish or any other fish. (There will be no mosquitos where there are goldfish.)

TERMS

We Guarantee the Safe Arrival of All Plants Shipped. All Plants Sent Postage Free

TERMS. We accept orders only when accompanied by funds sufficient to cover price of goods. We do not ship C. O. D. unless 50% of the price is received with the order to insure acceptance. **We prepay postage on all plants shipped.**

REMITTANCES. Remit by P. O. money order, express money order or draft. Make all remittances payable to Johnson Water Gardens, Hynes, Calif.

HOW AND WHEN WE SHIP. Water Plants may be shipped safely at any time of the year. Unless otherwise instructed we will ship all orders at as early a date as experience has shown us is advisable for your own particular locality. Where **Aquarium Plants** only are ordered they are shipped at once. All plants are shipped by Parcel Post.

CACTUS AND SUCCULENTS are shipped at once when the order is received. They may be shipped safely at any time of the year.

SEEDS are mailed at once.

DID you know that water lilies succeed almost equally well in every state in the Union? Few garden plants thrive East or West, North or South in every type of soil or climate as do these gorgeous blossoms that everyone may easily grow in their pool.

Water lilies are so easily grown, even by those who have had no previous experience, that following these simple directions will make your pool a most interesting part of your garden. In fact, water lilies are easier to grow than the commoner garden plants. The actual care of the pool may be stated in a single line. (**Keep the water level fairly constant and the pool clean.**) It is not necessary to drain the pool at all during the growing season, simply adding water to replace evaporation.

New Pools. The most important thing is to have the pool about 24 inches deep. This will allow for one foot of water and one foot of soil giving the best average results. However, the plants will thrive luxuriantly where the water is only 6 inches deep or up to 24 inches.

Soil. Any garden loam is all right. They particularly enjoy a heavy loam such as roses thrive in. Do not use leaf mold, swamp muck or sand.

Fertilizers. Cow manure is good. Use one shovelful to four



A home-made water garden built in spare moments. The cost is surprisingly small.

◆ You Can't Go Wrong With Johnson's Lilies ◆

BARGAIN COLLECTION for the SMALL POOL

A Complete Collection for a Pool

4 x 5 feet

\$2 95



COLLECTION No. 101

Here is a beautiful small pool at a most attractive saving. All the plants you will need for a well balanced small water garden. The plants and lilies have all been chosen to provide you with plenty of bloom through the entire season.

- A. **AURORA.** Yellow and Red.
- B. **PINK OPAL.** Pink.
- C. **Giant Arrowhead.** White flowers.
- D. **Umbrella Palm.** Green plumes.
- E. **Water Poppy.** Yellow flowers.
- F. **Egyptian Papyrus.** Plumy heads.
- G. **Primrose Willow.** Yellow.
- H. **Hardy Fountain Grass.**
- I. **Torch Lily.** Tall spikes.
- J. **Water Hyacinth.** Blue flowers.
- K. **Fish Plants.** Oxygenating.



ALL PLANTS ARE SHIPPED POSTPAID

SOME EASY WAYS OF MAKING A POOL

So many of our customers have built their own pools and have had such gratifying success that we are sure every one can do so. It is really a simple thing and surprisingly inexpensive particularly when one does his own work.

The Formal Pool. In constructing the formal pool first dig out to a depth of 30 inches, carefully shoving the walls straight and smooth. The inner wooden form should allow for a wall 6 inches thick. The floor should be flat 4 to 6 inches thick with a slight dip to the drain. Steel reinforcing rods $\frac{3}{8}$ inches in diameter should be laid in when the wall is three-quarters full. This will prevent cracking of the walls. It is always best to pour the concrete continuously so the pool will be without joints which are liable to leak.

During the pouring of the concrete be sure to tamp it well so there will be no porous spots or

sand joints. Be sure and always tamp concrete thoroughly when laying. Thorough tamping is the trick in making water-tight pools. Remember that keeping concrete moist by frequent sprinkling allows it to cure slowly and very hard.

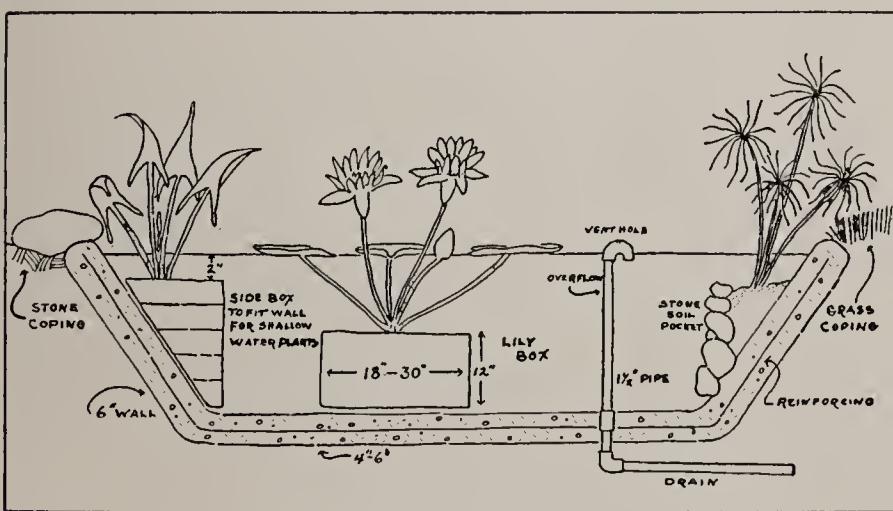
After the concrete has set firmly, about 48 hours, the forms may be removed and rough places smoothed down. To complete the water-proofing paint the surface with a mixture of pure cement and water the consistency of cream. This may be applied with an old brush or broom. It should be sprinkled several times a day or covered with soil, burlap or straw. After 4 or 5 days the pool may be filled with water.

The Irregular Pool. First mark on the surface with sticks the exact shape of the pool, then excavate to a depth of 30 inches. The walls should be as perpendicular as possible (about 45°) and the floor flat. The bowl-shaped floor is hard to plant and

not as desirable as the flat floor. Smooth the floor and walls and wet down thoroughly. Reinforcing, using heavy wire fencing, is desirable for permanent pools. Lay the fencing on the floor,lapping the edges. As the concrete is poured pull the fencing up to the middle. Tamp the concrete thoroughly and smooth out with a wooden float. After it has set a day, water-proof by painting with pure cement.

Where heavy freezing is expected a wall 6 to 8 inches is recommended though the floor may be much less. In mild climates a 4 or 5 inch wall and three inch floor is ample.

Mixing and Laying Concrete. A simple and satisfactory concrete mixture for pools is 1 shovelful of cement, 2 of sand, 3 of quarter or half-inch crushed rock or pea gravel. Mix it together thoroughly two or three times while dry and then add water to make a pasty mixture that will spread easily.



BUILD A POOL TODAY

THE SACRED LOTUS

OR NELUMBNIUM

INTRODUCED BY US TO
AMERICAN GARDENS
IN 1876



TEMPLE GARDEN TRIO COLLECTION NO. 102

This gorgeous collection of exotic Lotus will make your garden the envy of your friends. Plant them in separate boxes in the middle of your pool, placing a tub of Egyptian Papyrus in the center. The huge leaves and flowers give an unequalled tropical effect.

SACRED LOTUS
DOUBLE RED CHINESE LOTUS
SUNRISE QUEEN..... \$4.95

"Good Stock - Well Packed"

San Antonio, Texas, March 21st, 1933

Gentlemen: The Lotus plants that we ordered from you arrived yesterday in fine condition. We wish to thank you for the nice, large healthy plants that you sent us. It is a pleasure to deal with a company that sends out this kind of stock.

Thanking you again, we remain,

Yours truly,
LORENZEN AND SON.

East. Customers throughout America have written us their great satisfaction in growing and flowering this strangest of water plants. Good strong tubers at our **Special Price**.....

\$1.50



A beautiful Iowa pool planted with our stock in May and photographed in early July. Your pool, too, can give you an abundance of flowers.

◆—Our Culture Leaflet "How to Grow Water Lilies" Sent With Every Order—◆

HARDY WATER LILIES

. . . SUNSHINE GROWN

SINCE 1876



VENUSTA

What Sunshine Grown Means to You.

Sunshine Grown Lilies have the benefit of 10 long months of California Sunshine. Here, with ideal growing conditions, long months of warm sunshine flooded weather, water plants reach a luxuriance of growth not attained anywhere else in the world. The plants make rapid growth in spring and summer and in the fall when growth ceases have three full months to slowly mature into vigorous, large roots crammed full of life and strength. By spring they are ready to burst into full growth when planted in your pool.

CHOICE LILIES

ESCARBOUCLE. Gorgeous, brilliant, vermillion red flowers as big as saucers. Every plant during the summer will flower most freely. Give it plenty of rich soil. An easy, healthy plant to grow. This is an extremely hardy plant.
\$2.50

GONNERE. A handsome, sparkling white globe. This virgin white flower will make your red, blue and yellow lilies seem twice as bright. Every pool should have this completely double, free blooming, "beginners' lily".
\$2.50

JOHNSON'S WATER LILIES IN CHINA

Changli, North China,
July 8th, 1933.
Changli General Hospital.

Dear Sirs:
Your shipment of Water Lilies arrived just ten days ago after a journey of over **six weeks**. Because of war conditions here they were delayed at the port of Tientsin over two weeks. After the railroads had been cut I really had no hope they would survive the delay. But the mail has been kept going by overland runners and now your lilies are here and thriving. All of them have sprouted and some of them have sent leaves to the top of the water. In fact the two Star Lilies had sent leaves to the top in three days and within ten days they have all sprouted. I do wish to thank you for such an excellent assortment. My pool will soon be the show place of the community.

Thanking you again, I am,
Respectfully yours,
MABEL A. CLAY.

Why not secure your Water Lilies from the greatest collection of them in the world? We supply many of the Botanic Gardens throughout the world with their choice lilies besides many Public Park displays. Thousands of satisfied owners of small pools in every state in the Union have written to thank us for the fine healthy plants we ship and our careful packing.

WE GUARANTEE EVERY ORDER WE SHIP TO ARRIVE IN THE MOST DISTANT STATE IN GOOD PLANTING CONDITION.
THIS GUARANTEE IS BACKED BY THE 58 YEARS OF OUR WATER GARDEN BUSINESS.



[ESCARBOUCLE]

♦ JOHNSON'S QUALITY LILIES SELL FOR LESS ♦



GONNERE

WHITE

MARLIAC WHITE. Snowy white, broad cupshaped flowers with a center cluster of bright yellow stamens. The fragrant blossoms are five to six inches in diameter and freely produced during the entire summer. Thousands are planted in pools every year. **\$1.**

• **GONNERE.** The photograph on the right sent to us by one of our customers shows Gonnere as it grows and blooms in Oklahoma. One could hardly wish for a freer flowering or more generally satisfactory plant than this splendid, snowy white, perfectly double lily. It is very much at home in the small pool because it does not make a large plant though the flowers are much larger than the average. **\$2.50.**

Wild White Lily. A wild lily useful for naturalizing. A vigorous grower with large white flowers. **75c** each.

Hermine. A charming semi-dwarf lily with beautiful starry, snow white flowers. A very free bloomer. **\$1.25.**

Gladstone. Large dazzling white flowers with broad waxy petals. A vigorous, lusty grower requiring plenty of room to really show at its best. For large pools it is a beauty. **\$1.50.**

Lactea. Milk white blossoms. **\$1.50.**

White Laydeker. A very pretty creamy white lily of dwarf habit. In shallow water it blooms most profusely, the blossoms having a strong tea fragrance. **\$1.25.**

Loose. A beautiful, delightfully scented lily with large flowers 6 to 7 inches across. Strong grower. **\$1.50.**

SUNSET SHADES

• **COMANCHE.** Handsome orange red lily with heart of fire. The hardiest of all water lilies and a grand plant for the beginner. Blooms most freely even when neglected. Try it in your pool. You will not be disappointed. Turn to the colored picture of it on page 8. **\$1.65.**

SIOUX. A vigorous, free blooming plant somewhat like Comanche but with more yellow in its flowers. The blossoms open chrome yellow tinged with bronze and later deepen to orange red. **\$1.65.**

Seignoureti. Seignoureti is a gorgeously colored lily but propagates so shyly it takes years to work up a stock. It is certainly one of the freest blooming lilies grown with very bright orange yellow flowers. A rare first rate variety. **\$4.**

CHRYSANTA. For the tub garden this is a gem with its soft rosy yellow blossoms that deepen to vermillion. Of quite dwarf growth it makes an excellent plant for small pools. **\$1.25.**

GENERAL LIST

Hardy Water Lilies

SUNSHINE GROWN

Listed According to Color

QUEENS OF THE POOL

COLLECTION No. 103

A gorgeous group of beginners lilies. Easy to grow, brilliant in color and all free bloomers. You can grow them as easily as the common ones.

ESCARBOUCLE. Vermillion red.

GONNERE. Sparkling white.

\$5.95

SUNRISE. Huge yellow.



WITHSTOOD 40 DEGREES BELOW ZERO

Johnson Water Gardens,
Dear Sirs:

I think you may like to see your lilies purchased by me in June, 1931—5 plants. There are always at least 2 dozen blooms. They withstood a winter that goes to 40 degrees below, in drained pool, covered with pine needles and boughs. Even though this mulch was removed too early and the pool not filled, the lily roots freezing and thawing in the dry air—the first lily opened four weeks later. Does one need a better proof of hardy stock? I am grateful to you for such a good lily collection.

—MRS. L. DAMON, Alton, N. H.

Indiana. A very fine copper colored lily with yellow and rich pink tints predominating, deepening to red with age. The flowers run the gamut of colors a plant often having three distinctly colored flowers at once. **\$1.25.**

Solfaterre. The soft yellow blossoms deepening to apricot are 5 to 6 inches across. **\$1.50.**



Gonnere blooming in the pool of Mr. Wm. J. Neal,
Drumwright, Okla.

♦—We Are Glad to Answer Questions, But Read Pages 2 and 3 First—♦

Graziella. Charming orange pink flowers shading to a fine orange red with age. A splendid variety for the small pool and one you will enjoy for its unique color. **\$1.25.**

• **PAUL HARIOT.** The demand for Paul Hariot has been so great and constant that we have devoted huge tanks to its culture. The blossoms open a soft apricot yellow changing to orange pink and on successive days deepening to almost a red. We have featured this lily because we consider it one of the best all-around varieties, blooming as it does profusely and being a sturdy, hardy plant. **\$1.25**

SPECIAL PRICE.....\$1.25

Aurora. Changeable yellow and red flowers. They open yellow, changing to copper red. Thus each plant will have flowers of different colors on it. You will hardly believe they belong to the same plant. A great plant for the small pool and the tub garden. **\$1.**



Mr. Chris Gallacher of Jasper, Alabama, sent us in this picture of his water garden. Children enjoy a pool more than the grown ups.

RED AND CARMINE SHADES

• **GLORIOSA.** The most popular red lily for all purposes. Huge bright red flowers and a great bloomer. For years this lily sold for \$5 each. It will almost always bloom within 3 weeks after planting. Turn to page 9 for a colored picture of it. A great lily for the beginner in water gardening. **SPECIAL PRICE, \$1.95.**

ESCARBOUCLE. The most brilliant flowered of all red lilies. Brilliant vermillion red flowers, a vigorous grower and free bloomer. Very hardy. Turn to page 5 for colored picture of it. **\$2.50.**

Sultan. Large cherry red flowers the outer rows of petals lighter rose. It blooms freely throughout the summer, the flowers standing above the water in a conspicuous way. A vigorous and lusty grower. **\$3.**

RED MARLIAC. The charming, brilliant red flowers have a character all their own and a box of them will deserve a prominent place in your pool. It is an old variety and the demand is always



Water Lily, Conqueror blooming. The charming pool of Mrs. Lee A. Lively, Murfreesborough, Tenn.

greater than the supply. There is generally two or more open flowers on each crown. A most dependable sort. **\$2.**

CONQUEROR. A great favorite thriving even in small pools and always blooming freely often in less than a month after planting out. The 8 inch wide crimson flowers are continuously borne during the entire spring and summer, the plant soon sending up several flowers at a time. We use it often in plantings because it always is sure to bloom bounteously even under unfavorable conditions. We have particularly fine strong roots this season. **SPECIAL PRICE, \$2.**



This photograph shows our Hardy Lilies as they are shipped. Such plants are stored with vigor and ready to burst into growth when planted in your pool.

ATTRACTION. Huge, bright crimson red flowers. A stunning attractive blossom.. Plant grows most easily, soon starts to bloom and before you know it will be bearing many flowers. At one time we counted 53 flowers open at once on a box of them planted two months before. **\$2.45.**

Marliac Flame. (M. flammee). Deep red floating flowers similar to Gloriosa but with crumpled petals of a most interesting character. An old and choice variety. **\$4.**

William Falconer. Velvety red-black flowers considered the darkest red of all. The garnet red stamens and yellow disk set off the color perfectly. The leaves are beautifully marked with maroon spots. Well known to fanciers. **\$5.**

Picciola. Large, dark crimson flowers with a velvety texture difficult to describe. Give it a large box to secure its full beauty. **\$2.50.**

Robinsoni. An old favorite with warm red flowers and orange red stamens. A particularly vivid color that shows up well at a distance. **\$2.**

NOTES OF APPRECIATION

Your lilies from the standpoint of flowers and the making of quick growth in the State of Wisconsin can not be beaten.

A. G. CLEMENS,
Madison, Wisc.

The lilies I ordered from your firm, were simply wonderful all summer, blooming every day. There has never been anything in the line of flowers which has given the family as much joy as our lily pool has this summer. The Gloriosa had about 50 flowers red as rubies. The Star Lilies about 75 each.

REV. F. W. WEINDORF,
Goodhue, Minn.

All Plants are Shipped POST PAID



MARLIAC YELLOW

Vesuve. A very dark and beautiful red lily producing an incredible number of flowers. The floating blossoms are large and full petalled with a satiny sheen. **\$2.50.**

METEOR. We have grown this rare lily for a number of years and always admire its firey red color. The slender spreading petals are beautifully crumpled, folding about the garnet stamens giving the flower a most pleasing appearance. It grows luxuriantly bearing quantities of flowers all season. **\$2.50.**

**WONDERFUL GROWTH IN
PENNSYLVANIA**

Dear Sirs:

The plants you sent us came in such wonderful condition and have made such wonderful headway the few days they have been planted that we are sending you another order.

WILSON KINTZER,
Sinking Spring, Penna.

Sirius. Handsome red leaves splotched with maroon and huge deep red flowers almost black. Glorious. **\$3.**

Red Laydeker. Dazzling scarlet red flowers. A real lily for the beginner because it flowers so freely. **\$2.**

James Hudson. Rosy crimson. **\$5.**

Arethusa. Rich red. **\$3.**

Newton. Red. **\$2.50.**

SUNRISE GREETING

COLLECTION No. 104

SUNRISE.

COMANCHE.

\$3.25

COMANCHE

A brilliant amber-red lily and one that grows very easily. **\$1.65.**

YELLOW SHADES

• **MARLIAC YELLOW** (Chromatella). One of the most widely grown of all water lilies.. Clear, rich yellow blossoms of large size with fine broad, curving petals. It produces over the entire spring and summer an endless succession of its charming flowers. It thrives under all conditions and is extremely hardy wherever grown. Its popularity is so great that we recommend it to everyone. **\$1.25.**

Odorata sulphurea.. A smaller edition of Sunrise with fragrant yellow flowers on tall slender stems. The petals have a crumpled appearance. **\$1.50.**

Yellow Pygmy. A tiny lily bearing a profusion of bright yellow flowers the size of a dollar. A gem for the small water garden, and no pool is complete without it. It is a very cheerful little flower and we are sure you will enjoy it. **\$1.**

Moorei. A new yellow lily from Australia with handsome large blooms of a richer yellow than any other. The leaves are finely spotted instead of splotched; a first class variety. **\$2.50.**

Mexicana. Yellow lily suitable for tubs. A charming dwarf variety. **.50c.**

● **SUNRISE** ●

This glorious lily shown in color below is easily the largest of all hardy lilies with blossoms 11 inches across. Even as a young plant it surpasses all others in size. The magnificent canary yellow blossoms are raised on slender stems the petals having a crepe-like texture and charming gracefulness quite unlike most gigantic flowers. A great lily for the beginner because of its long blooming habit.....

\$2.50



◆————— 58 YEARS of Honest Water Lily Values and Service —————◆

From the Land of the Pharoahs



A NILE GARDEN

COLLECTION No. 105

\$4 95

Yourself and friends will enjoy this unique and characteristic Garden of the East with plants that have been cultivated in the Orient since the dawn of civilization. Johnson's quality plants at a new low price.

- A. SACRED LOTUS. Pink.
- B. GLORIOSA. Red water lily.
- C. COMANCHE. Sunset water lily.
- D. EGYPTIAN PAPYRUS. Plump heads.
- E. WATER HYACINTH. Orchid like.
- F. WATER POPPY. Yellow flowers.

HARDY WATER LILIES (Continued)

Pink and Rose Shades

MARLIAC PINK. Beautiful, shell pink buds hand-some as they unfold. The blossoms are quite large, paler than the buds and quite sweetly fragrant. It comes into flower early in the spring and blooms tenaciously throughout the summer. It is particularly valuable as a cut bloom and is very popular with beginners for it grows so easily. **\$1.**

Somptuosa. Turn to rear cover for a colored picture of this good lily. Satin-pink petals with a richer glowing pink toward the center. **\$1.65.**

• FORMOSA. An especial beauty with big rose pink flowers. A great bloomer. A real lily for the beginner. **\$3.**

Galatee. Everyone likes this pretty pink lily. Its pink color is made up of crimson flecks on a white ground. A very hardy plant that will surely give satisfaction under all conditions. **\$1.50.**

James Brydon. A gorgeously vivid, rosy carmine blossom, full petalled and large. The color seems to glow in the sunshine and together with the bronzy red leaves gives the plant a most colorful and bright appearance. A superb variety. **\$2.25.**

• VENUSTA. A great lily that everyone picks out at our nursery. The color is a knockout—a deep be-

gonia rose of surpassing beauty. Besides its brilliant color its chief charm is its sweet perfume. The plant is extremely hardy even in the coldest regions. **\$1.95.**



VENUSTA

If you could see this lily you would surely want it.
A glorious color and free bloomer.

All Plants Shipped POST PAID



PINK BUTTERFLY

PINK BUTTERFLY. (*L. lilacea*). Like lazy pink butterflies floating in the air this charming miniature lily spangles the water with its jewel-like flowers. The tiny blossoms are 2 inches in diameter, perfect replicas of their larger neighbors in every minute detail. And best of all it blooms profusely, we counted 72 open flowers on a box. **\$1.50.**

BUTTERFLY TRIO COLLECTION No. 106

Three tiny lilies to be planted in the same box. Give them a corner to themselves where you can enjoy their charming exclusiveness. These colorful little gems are unsurpassed for daintiness.

PINK BUTTERFLY. Jewel like.

CARMINE BUTTERFLY. Carmine rose.

ORANGE BUTTERFLY. Sunset shades.

... **\$2.95.**

Carmine Butterfly. (*L. purpurea*). A dwarf lily with bright carmine rose flowers. A fine lily for the small pool its cheerful flowers being in evidence all summer long. A sweet tea-rose fragrance adds to its charm. **\$1.50.**

Masaniello. A vigorous lily with pale green leaves and pink flowers. **\$1.**



The exquisite pool and rock garden of Mrs. Leland Du Rose of Gilroy, Calif. Your pool can be as charming.

ROSY MORN. Our 1932 introduction. A beautiful roseate pink lily with a true water lily fragrance. But for its color it is like Escarbolle with spreading petals and handsome leaves. A free bloomer and a first rate variety. **\$4.**

Morning Glory. An exquisite, soft shell pink lily, very beautiful, particularly the delicate colored buds as they open in the morning. The blossoms are large and quite freely borne. The plant is a good robust grower. **\$2.**

Mrs. Richmond. One of the choicest lilies ever raised. Massive, rose pink flowers with deeper glowing heart of Tyrian rose. A wonderfully free bloomer. It is a very slow propagator and we have only a few plants to offer. **\$5.**

Collection of 10 Best COLLECTION No. 107

The 10 lilies we consider at the top of our list. Each one of these is an outstanding plant. You may change three lilies for others of like price.

ESCARBOUCLE.	COMANCHE.
GONNERE.	PAUL HARIOT.
SUNRISE.	SPLENDIDA.
VENUSTA.	MARLIAC YELLOW.
GLORIOSA.	ATTRACTION.

... **\$15.**

SPLENDIDA. Rich geranium pink the heart fairly pulsating with color, together with a very pleasing form and perfect habit make this a general favorite. Plantings of this lily blaze with color all summer long and in the fall the color intensifies to a rich red pink. Do not fail to include the Splendida lily even if you have room but for one. **\$1.45.**

Neptune. An unusual French variety with beautiful pink petals flushed with darker red at the base giving the flower a most attractive appearance. It does not seem possible for a plant to bear more flowers than this one does. **\$2.45.**



This shows our lilies which surely did their duty during the summer. The one at the top is Paul Hariot, which had from 6 to 10 blossoms at one time. The other is a night bloomer (Geo. Huster) and had two or three blossoms all season. We are surely satisfied customers. R. Schempl, Jackson, Mich.

Carisbrooki. Exquisite fragrant blush pink flowers. **\$1.**

AMABILIS. A French introduction and a really glorious flower. It has an attractive starry form and very large blossoms and is a continuous bloomer. In color it is a bright silver pink and is easily one of our best lilies. **\$3.50.**

Pink Opal. A pretty, deep pink fragrant lily with graceful cup shaped flowers. **\$1.**

Eugenia de Land. A very charming sweet scented lily of the Odorata group. The long, spreading petals are pink. **\$1.25.**

Wilfon Gonnere. Very double pink flowers similar to Gonnere. The blossoms open into a tight ball of tender pink petals like a pompon. **\$2.50.**

Esmeralda. A striking new lily unique in having its flowers marbled pink and white in a most unusual manner. The blossoms are often 7 inches across and are borne in brave profusion. **\$2.**

Odalisque. An intensely fragrant, deep cerise pink lily of the Odorata group. It will greet you early in the morning before the other lilies are awake. **\$1.50.**

Mary Patricia. The daintiest blossom imaginable of deep peach blossom pink and royally generous in flower. It was raised at our nursery. **\$1.50.**

LOS ANGELES TRIO COLLECTION No. 108

GLORIOSA. Huge red.
HARDY Tropical Blue Star.
SUNRISE. SPECIAL, **\$4.50.**

Appreciates Our Service
Johnson Water Gardens.
Dear Sirs:

I want to thank you for the 22 aquatic plants you selected for me. Everyone of the plants grew and are blooming.

You certainly know how to pack plants for shipping such a great distance. The first flowers on Sunrise measured 8 inches in diameter with 3 flowers open at once today.

MRS. G. A. ROW, Lykens, Pa.

◆ Our Collections Consist of BEST Plants We Have ◆

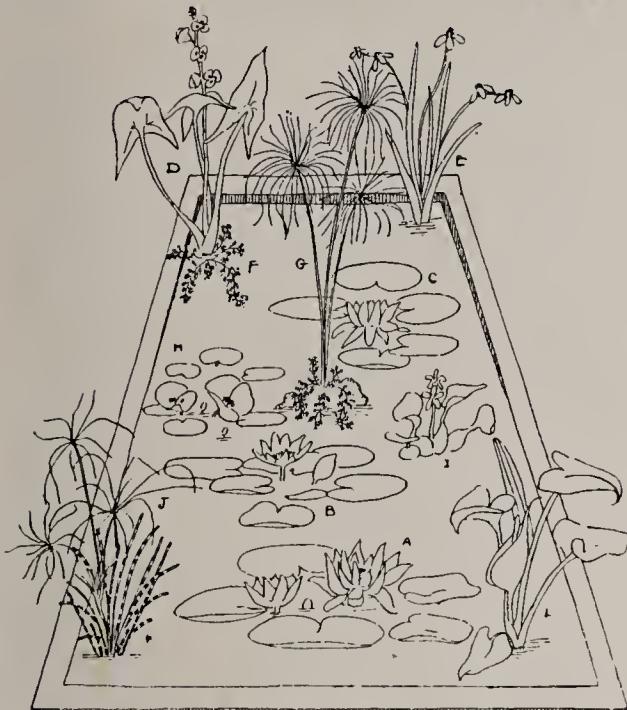
YOUR OWN POOL

Complete Collection for Small Pool

4 x 7 feet

COLLECTION NUMBER 109

\$4.95



A REAL "homey" pool in your garden will give you many hours of enjoyment this summer. Planted with a fine selection of lilies and other water plants it will bloom freely with very little care. So many customers have written to us during the past season inquiring what to plant in a small garden pool that we have decided to offer a really balanced collection such as we would like in our own.

- A. GLORIOSA. A bright red lily.
- B. SPLENDIDA. A rich rose pink.
- C. PAUL HARIOT. Fine sunset color.
- D. ARROWHEAD. Pretty flowers.
- E. YELLOW FLAG. A handsome Water Iris.
- F. PARROT FEATHER. For the fish.
- G. EGYPTIAN PAPER PLANT. The Nile Papyrus.
- H. WATER POPPY. Always in bloom.
- I. WATER HYACINTH. Orchid-like flowers.
- J. UMBRELLA PALM. Graceful plump heads.
- K. PORCUPINE GRASS. A variegated rush.
- L. CALLA LILY. Lily of the Nile.

MAY WE SUGGEST? Just a few color combinations at collection prices that may be just what you need for that new pool.

RAINBOW TRIO COLLECTION No. 110

A very moderate priced collection of the best plants for the beginner in water gardening. They will all flower well in the small pool and will give a long season of bloom.

PAUL HARIOT. Orange.
MARLIAC Pink. Shell pink.
MARLIAC White. Pure white.

\$2.75

TWO GEMS

COLLECTION No. 111

For a small pool these two lilies will give you a great deal of pleasure. They are both moderate growers and heavy bloomers.

GLORIOSA. Ruby red.
PAUL HARIOT. Orange.

\$2.75

A JOYOUS GARDEN



With such a pool, as built by Mr. G. H. Adams of South Haven, Mich., your garden becomes a greater joy.

SURPRISE TRIO

COLLECTION No. 113

We have some mixed unnamed lilies this year. The labels have been lost, but we can guarantee the colors. These will flower just as well as the named lilies.

1 Red.
1 Pink.
1 Blue. **SPECIAL.. \$2.50**

QUEENS OF THE POOL

COLLECTION No. 103

A selection of grand lilies.

ESCARBOUCLE. Vermillion.
GONNERE. Immense white.
SUNRISE. Giant yellow.

\$5.95

LOTUS SPECIAL

COLLECTION No. 112

A dandy collection of Lotus and Lilies at a most attractive price. This mixed collection should make your pool the envy of the neighborhood. (Plant Flowering Beauties Bog Plant Collection No. 120 with this.)

SACRED LOTUS.

BLUE STAR. (Hardy Tropical.)

PINK OPAL.....

\$3.00

SUNSHINE TRIO

COLLECTION No. 114

A handsome set of Day Blooming Tropical Lilies. Suitable for a pool six or eight feet across.

BLUE TRIUMPH.
ROSE STAR.

PANAMA PACIFIC. \$4.75

MIXED COLLECTION

COLLECTION No. 115

A mixed duo of Hardy Tropical Lilies. (Plant this with Pool Collection No. 121.)

BLUE STAR.
GLORIOSA.....

\$2.65

♦—Why Pay More? Our Quality Has Been PROVEN for 58 Years—♦

Leaf Propagating Tropical Water Lilies

THRIVE IN THE SMALLEST POOL. PLANT THEM FOR EARLY AND CONTINUOUS BLOOM



For the average small backyard pool or tub garden the Leaf Propagating Lilies are just the thing. Their small leaf spread, early and continuous blooming habit have increased their popularity every year until now they rank among our best sellers. This year we have greatly extended our facilities for raising them so that we can offer fully developed plants at a reduced postpaid price. It should be remembered that all plants offered by us are shipped without expense to you, a saving of from 50 to 75 cents per plant.

HOW TO PLANT THEM

When they are shipped to you the plants are shaken out of their pots, wrapped in damp moss and carefully packed into stout cartons. You will receive them as fresh as the day they left our nursery. It is best to fill the pool before planting, either slipping the boxes into the water after planting or setting out directly into the water. This will prevent the plants from suffering while the pool is filling. Allow from 6 to 12 inches of water over the plants. If the leaves are submerged after planting they will be on the surface by next morning. To secure the most flowers use a box or tub about 18 inches across. The larger the box the larger the flowers.

AUGUST KOCH

This has long been one of our most popular day blooming lilies. We have always enjoyed it and feel sure you will also. Its fragrant blossoms are a beautiful Wistaria blue with a ring of blue tipped stamens surrounding the clear yellow cup. In size they are from 6 to 7 inches in diameter with wide curving petals and sepals suffused rosy lilac. It is the freest blooming of the Leaf Propagating Lilies, there often being three or four open flowers on a single plant. A variety suitable for all general purposes, blooming strongly while yet in pots.....



[AUGUST KOCH]

Showing the Peculiar Leaf Propagating Habit

Wistaria blue with a ring of blue tipped stamens surrounding the clear yellow cup. In size they are from 6 to 7 inches in diameter with wide curving petals and sepals suffused rosy lilac. It is the freest blooming of the Leaf Propagating Lilies, there often being three or four open flowers on a single plant. A variety suitable for all general purposes, blooming strongly while yet in pots..... \$2.15

TUB GARDEN SPECIALS

Complete Tub Garden

EVERYONE can have a Tub Garden.

COLLECTION No. 116

10 FINE PLANTS

This collection we are offering is a real bargain and the plants will be of our best quality. Every lily root we dig has bloomed prior to digging and all are rigidly inspected before shipment.

These nine water plants and a common wash tub are all you need for a real water garden.

1 WATER LILY,

Your choice of white, pink or sunset.

4 SHALLOW WATER PLANTS.

4 MARGINAL PLANTS.

POSTPAID.....\$2.75

A Handsome Tub Garden

WITH A BRIGHT RED LILY
COLLECTION No. 117

A perfect lily and set of plants for a tub or small pool. Get in with the rest of us and have a pool this year.

GLORIOSA RED LILY. Turn to page 9.

4 SHALLOW WATER PLANTS.

4 MARGINAL PLANTS.....POSTPAID, \$2.95

Blue Lily Tub Garden

AN IDEAL TUB GARDEN
COLLECTION No. 118

Panama Pacific is a fine tub plant and is generally in flower when you receive it.

PANAMA PACIFIC. Color picture on page 16.

4 SHALLOW WATER PLANTS.

4 MARGINAL PLANTS.....POSTPAID, \$3.15

All Collections are Shipped POST PAID

EGYPTIAN LOTUS



The Egyptian or Sacred Lotus grows like a weed in every state and strangely, as it is a tropical plant, is perfectly hardy everywhere. You will be surprised at the beauty of their huge rose-like flowers. Plant one this year.

SUNRISE QUEEN. Shown in color at the right. This beautiful sulphur yellow variety is one of the best, with handsome, loosely petalled flowers. It flowers as long as the plant is growing during the summer. Like all lotus it thrives in the tub garden. The fragrant flowers are 10 to 12 inches across. **\$1.50.**

DOUBLE RED CHINESE LOTUS. (*N. pekinensis rubrum plenum*) Huge, double red, like Giant American Beauty Roses. A glorious variety giving a tremendous display during the summer months. A truly magnificent plant with huge flowers, closely packed with petals, a foot across. Last year a whole pool of them attracted much attention when in full bloom. A pool four feet square had a dozen open blooms at one time each as large as a dinner plate. See color illustration at right. **\$3.50.**

SACRED LOTUS. For colored illustration and full description turn to page 4. A handsome hardy plant that every garden should have. You will enjoy its oriental splendor. **\$1.50.**

PINK AND YELLOW LOTUS COLLECTION No. 119	SPECIAL OFFER We will have a few mixed Lotus this year. Good plants.
1 Sacred Lotus. 1 Sunrise Queen . \$2.50	SPECIAL PRICE \$1



Double Red Chinese Lotus and
Sunrise Queen.

WATER PLANTS

That Every Pool Needs

FLOWERING BEAUTIES

COLLECTION No. 120

Five handsome flowering shallow water and pool plants that will make your pool different. These plants add greatly to the general attractiveness of a water garden.

Peacock Hyacinth, Butterfly Rush, Azure Pickerel Plant, Primrose Willow, Primrose Creeper. **\$1.25.**

15 WATER PLANTS for the SMALL POOL

COLLECTION No. 121

A collection of pretty flowering and foliage shallow water and fish plants. These have been carefully selected to give you a fine assortment at collection prices. Just what is needed for the backyard pool.

1 Egyptian Papyrus, 3 Water Poppies, 2 Water Hyacinths, 1 Primrose Willow, 2 Umbrella Palms, 1 Yellow Flag, 1 Primrose Creeper, 3 bunches Fish plants, 1 Arrowhead. **\$1.95.**

SIX SHALLOW WATER PLANTS

COLLECTION No. 122

Six choice plants for shallow water. They will give your pool that "natural" effect.

Water Poppy, Umbrella Palm, Parrot Feather, Primrose Creeper, Giant Arrowhead, Water Hyacinth. **95c.**

Floating Plants

COLLECTION No. 123

Three varieties of floating plants for fish to spawn upon and for them to eat.

2 Water Hyacinths, 1 portion Duckweed, 1 portion Floating Fern. **55c.**



SUPPLIES FOR FISH

Fish Plant Collection

COLLECTION No. 124

Seven labeled varieties of fish plants suitable for both the pool or the indoor aquarium. Every pool or aquarium needs these. **\$1.**

Scavenger Collection

COLLECTION No. 125

To keep your water clear and your pool clean every pool needs these hard little workers. 12 assorted Water Snails, including Coral Snails. **\$1.**

FISH FOOD

Proper food will keep your fish healthy and active.

Johnson's Natural Fish Food. A properly balanced fish food for both aquarium or pool. **85c** lb. postpaid.

Dried Shrimp. Shredded shrimp is an ideal food. **85c** lb. postpaid.

Baby Fish Food. Specially prepared for baby fish. **25c** bottle.

◆—————Planting Instructions are Sent With Every Order—————◆

GOLDFISH FOR THE POOL

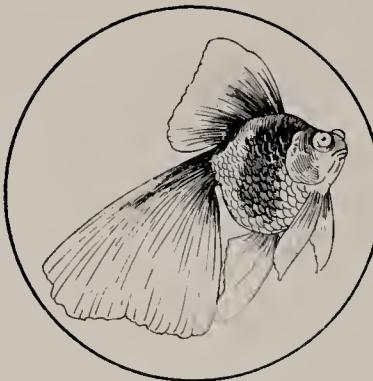
COLLECTION No. 126A

A combination of fish and scavengers for the small pool that will supply just the proper balance. A clean pool and beautiful fish are yours with this fine collection. 8 selected Goldfish, 2 Japanese Fantails, 4 Calico Fish and 6 Trapdoor Snails. Shipping can included. \$4.95.

SHIPPING POINTS

California: We ship from Los Angeles to all points west of the Rockies.

Ohio: From our Ohio shipping place we reach all points in the Middle West and East.



Ornamental Collection

COLLECTION No. 127A

A fancy collection of beautiful goldfish for the small pool. You will enjoy their handsome coloring and graceful shapes. A real connoisseur's group. 2 Chinese Telescope Moors, 2 Calico Telescopes, 2 Calico Fantails, 2 Comet Tails, 2 Japanese Fantails, 2 Calico Fish. Shipping cans included. \$7.50.

CONDITIONS OF SALE

All fish are shipped **express collect.** We guarantee safe arrival, but all claims must be accompanied with Express Company bad order report within 10 days of receipt.

OXYGENATING PLANTS

Plants for the Fish

Every pool needs these oxygenating plants to keep the water clear and the fish in good health.

Fish Grass or Anacharis. A most useful, quick growing variety with pretty graceful stems and whorls of green leaves. 2 bunches 25c.

Coontail. One of the handsomest and easiest grown. Feathery plumes of bright green. 2 bunches 25c.

Water Hyacinth. Goldfish delight to spawn on the feathery roots of this fine plant. 2 for 25c.

Cryptocoryne willisii. One of the most beautiful and rare of all aquarium plants. Lanceolate leaves with undulate margins and with rare red flowers like a miniature Calla lily, to which family it belongs. A choice and most uncommon plant. 25c.

Ludwigia californica. Pretty waxy, shining leaves and bright yellow flowers. 2 for 25c.

Duckweed. Tiny, frond-like floating morsels of leaves. Goldfish are very fond of them. 25c per portion.

Eel Grass (Vallisneria). A permanent plant for the aquarium. Grows well. Ribbon like leaves. 6 for 25c.

Floating Fern. Pretty tiny floating plants of brightest emerald green. A true water fern. 25c per portion.

Hair Grass. Forms a green lawn on the floor of the aquarium or pool. A most hardy pool plant. 25c per portion.

Sagittaria natans. Bright vivid green, grass-like leaves in tufts. A good plant for aquaria. 6 for 25c.

Sagittaria subulata. Fine grass-like deep green leaves for fish to hide among. 6 for 25c.

Sagittaria sinesis. Similar wider leaves. 15c.

Giant Eel Grass. A splendid plant. 3 for 25c.

FISH PLANT COLLECTION NO. 124

7 VARIETIES OF FISH PLANTS
LABELLED \$1



These young water gardeners get plenty of fun from their pool. The charming garden of Mrs. Mary E. Heberlig, Carlisle, Pa., planted with our Sunshine Lilies.

SCAVENGERS

They help to keep your pool clear and clean.

Japanese Trapdoor Snails. Largest and hardest water snails. Hard workers. 3 for 50c.

Coral Snails. These are beautiful coral red in color and are fine for the aquarium. 3 for 50c.

Black Ramshorn Snails. Very prolific and good workers in clearing up a pool. 3 for 25c.

SCAVENGER COLLECTION NO. 125

12 ASSORTED WATER SNAILS, INCLUDING CORAL SNAILS, FOR \$1 POSTPAID

HARDY MARGINAL PLANTS

Such plants as grow naturally about ponds.

Double Orange Day Lily. Very large double orange flowers. A gorgeous blooming plant thriving everywhere. Very hardy. Fine graceful leaves. 25c.

Lemon Lily. Beautiful lily-like lemon yellow flowers. Very fragrant. Graceful clumps of foliage. 25c.

Brown Day Lily. Beautiful coppery orange flowers on tall spikes. Extremely hardy. 25c..

Orange Day Lily. A splendid cadmium yellow large flowered day lily of the hardest type. 25c.

• 5 Day Lilies for \$1.00 •

Torch Lily. A beautiful African lakeside plant. Tall spikes of brilliant orange and red flowers with graceful clumps of grassy leaves. 20c, 3 for 50c.

Blue Bugle. Forms a fine green cover with blue flowers. Hardy. 20c, 3 for 50c.

Variegated Ribbon Grass. A handsome grass with leaves brightly striped white and green. 20c.

Palm Grass. A tall, tender Tropical Grass with graceful palm-like leaves. Beautiful quick grower. 25c.

Hardy Fountain Grass. A handsome fountain-like grass with rosy plumes of flowers. A grand, hardy plant. 20c, 3 for 50c.

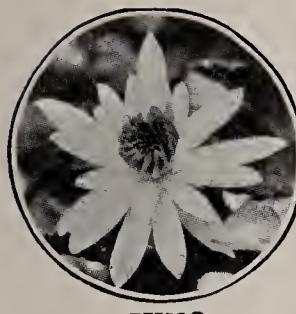
Eulalia gracillima. A tall hardy fountain-like grass. Fine for the background. 25c.

False Dragon Head. A hardy perennial, spreading in close clumps with two-foot spikes of hooded pink flowers. 20c.

Collection of 6 marginal plants. Our selection....\$1

♦—————Special Price List of Goldfish Sent On Request—————♦

NIGHT BLOOMING WATER LILIES



JUNO

These fascinatingly exotic lilies are the most brilliant and colorful flowers in the entire garden during the sunny morning hours. They open in the evening when you may enjoy them and remain open until almost the following noon. The flowers have the most gorgeous colors, hot glowing reds, snowy whites, soft pinks, a veritable riot of brilliance. The blossoms are large, the plants easy growers.

WHEN WE SHIP. These Tropical Lilies are shipped at the same dates as Day Blooming Tropicals. See page 16.

• **GEORGE HUSTER.** A glorious, glowing red. The color is so brilliant as to hurt the eyes. The large 10-inch blossoms are borne in great abundance several at a time and remain open until noon. They enjoy a rich clay soil. \$2.

• **H. C. HAARSTICK.** A magnificent new variety of a red so vivid and intense as to be almost black. The plant is very free blooming, a real wonder in this respect. Handsome red leaves. \$2.

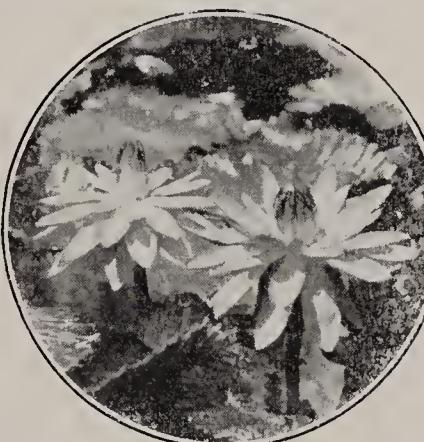
Devoniensis. A rosy red flowered variety, quite free in bloom and with large bronzy leaves. The flowers are quite large, almost 10 inches across. The petals open out saucer shaped. A most popular variety. \$1.50.

• **JUNO.** Immense pure white flowers, opening widely, the bright yellow stamens forming a cone in the center. Seen in the dusk of evening the flowers are a never-to-be-forgotten sight. \$2.

Emily Grant Hutchings. Beautiful amaranth pink flowers with a tempting candy-like texture and handsomely curved petals. The stately, bronzy leaves must be seen to be appreciated. \$2.

O'Marana. A pleasing pink variety with a lighter colored stripe down the center of each petal. \$1.50.

Frank Trelease. A deep red flower of largest size. You will like its open flowers with clustered mahogany red stamens and orange disk. \$2.



EMILY GRANT HUTCHINGS

SEEDS OF TROPICAL WATER LILIES DO NOT COUNT ON EARLY BLOOM FROM SEED



For those who care to experiment with raising water lilies from seed we offer a selection of the best Tropical kinds, as very few Hardy Lilies bear seed. They will flower the first year.

In choosing a soil use a heavy loam. Do not add either cow manure or leaf mold, as the decaying matter will bubble and ferment, causing the young plants to damp off. They may be planted in a box, pan or pot, firming the earth down well, scattering the seeds thinly and covering lightly not more than the thickness of the seeds. Fine sand is a good covering. Stand the pot in water till thoroughly soaked, then submerge gently to a depth of 6 inches.

The seed may be sown outdoors in June or, if sown early, in a pail in a warm, sunny window, planting out in June. Seed should be germinated at a temperature of 70 to 78 degrees.

I planted the lily seed on April 28th and behold today (July 8th) found a fine bloom, a most beautiful blue. I think that is a fine record, blooms from seed in 70 days. MRS. A. C. THOMPSON, Del Rio, Texas.



A pool of Night Blooming Lilies; Water Canna at the back.

Mrs. George C. Hitchcock. An improvement on O'Marana with darker pink flowers. The spreading petals surmounted by the mahogany red stamens are pleasingly graceful. A very choice plant. \$2.

MARS. Our new introduction with vermilion flowers of a most intense brilliance. The color is so bright as to be almost blinding. A very free bloomer and vigorous plant. \$2.

Lotus dentata. An old favorite with snowy white spreading petals and in the center a cone of yellow stamens. An easy grower. \$1.50.

Dean. Pleasing cup-shaped pink flowers with wide petals and deep orange stamens. \$1.50.

Rubra rosea. Brilliant rosy carmine flowers, which in the sunlight seem to fairly burn with color. A free and continuous bloomer. \$1.50.

Seed of the following, 35c per packet, 4 for \$1.

Johnson's Hybrids. Rose and blue day bloomers.

Mars. Vermillion night bloomer.

Juno. Large white night bloomer.

Geo. Huster. Red night bloomer.

Dean. Pink night bloomer.

Zanzibar Blue. Blue day bloomer.

Capensis. Brilliant blue.

Independence. All shades of pink.

Caerulea. Easy to grow. Blue.

Zanzibar Purple. Day bloomer.

Leaf Propagators. Mixed.

WATER LILY SEED COLLECTION

COLLECTION No. 128

Set of 10 packets of Tropical Water Lily Seed, \$2.

SACRED LOTUS

Sacred Lotus.	Per packet	:	:	:	:	:	:	50c
Yellow Lotus.	Per packet	:	:	:	:	:	:	35c

LOTUS SEED COLLECTION No. 129

Double Red Chinese, Double White, Sacred Lotus,	Sunrise Queen.	Mixed packet, \$1.
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♦—CAREFUL PACKING Is Our Specialty. We Guarantee Safe Arrival—♦

JOHNSON'S LEAF PROPAGATING LILIES

California Sunshine Raised Out of Doors

No need to tell you how much stronger and more vigorous these outdoor grown plants are over tender, greenhouse grown stock. Under our warm California sun these lilies develop luxuriantly green, thick, sturdy leaves with short stems and are always shipped in bud or flower. They may be set out somewhat earlier than other tropical lilies without danger of checking their growth, for they have been grown under conditions similar to your own pool and much cooler than a greenhouse.

The Leaf Propagating Lilies have the interesting habit of bearing small plantlets on the older leaves, forming a ring about the mother plant. While still attached to the old leaves they bloom freely. They grow wild in Central Africa, thriving rampantly in the lakes and slow moving rivers. As the old leaves decay the young plants float away, stranding in the shallows to form new colonies. The plants are ever blooming, flowering freely in the winter time in the conservatory, where their bright colors and exotic appearance make them choice subjects for pools in any part of the country.



[PANAMA PACIFIC]

PANAMA PACIFIC Bright violet when opening, deepening to a rich, royal purple in the fully expanded flower. Certainly one of the best known and widely grown of the day blooming lilies. It is so easy to grow and flowers so well in the small water garden that its popularity is not to be wondered at. Almost from the first day you will have its cheerful, richly colored blooms which open early and remain open almost until dusk. The bronzy green buds are spotted with maroon and the broad scalloped leaves are flecked above and heavily spotted beneath, the young plants appearing on the older leaves after the plant attains its full vigor. We freely recommend it as one of the most satisfactory of lilies. Special price..... \$2.00

Amethyst. Deep, true amethyst blue petals in a cup of rosy sepals. Handsome large flowers freely borne and quantities of small plantlets on the older leaves which bloom while yet attached to the parent. The young plants form early on this choice variety. Raised in our nursery. \$2.

• INDEPENDENCE. Huge deep pink flowers. A most satisfactory plant blooming when quite small. Produces great quantities of its spectacular flowers throughout the entire season. Grows equally well in small or large pools. \$2.15.

Wilson Gigantea. Large sky blue blossoms with a most pleasing fragrance. A rare and attractive plant. Flowers often reach 10 inches in diameter. \$2.50.

SHIPPING DATES FOR TROPICALS

To Chicago, New York, Portland, Ore., June 1st. St. Louis, Nashville, May 25th. Warmer regions of Coast and South at corresponding earlier dates.

If we are requested to ship earlier we assume no responsibility for results.

EXQUISITE! That is what our friends say about this beautiful lily.



Panama Pacific is a good all around plant. This photograph shows it growing in a butter tub. There are 2 flowers and 3 buds on this small plant.

◆—Our Leaf Propagating Lilies Can Be Shipped Earlier Than Other Tropicals—◆

Sunshine Tropical Water Lilies



[OUR BLUE TRIUMPH]

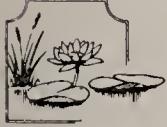
SUNSHINE LILIES ARE GROWN OUT OF DOORS

THEY ARE STRONGER AND MORE VIGOROUS PLANTS. POSTPAID!

Such vigorous outdoor grown young plants for shipping can only be grown in California, where our warm sunshine filled springs encourage a sturdy, hardy growth in specially constructed outdoor pools. This year, to supply our increasing demand, we have increased our facilities to handle 10,000 of these superior, vigorous Tropicals. When grown in greenhouses the tender young plants are severely checked when transferred to your pool. Our Sunshine Tropicals are already hardened to outdoor conditions when you receive them and are not so subject to check if the weather turns cold or wet. We endeavor, wherever possible, to ship only plants in bloom.

Shipping dates for Sunshine Tropicals. See page 16.

BLUE TRIUMPH

 Blue Triumph has long been the most popular blue flowered water lily. Its huge, brilliant blue blossoms reach an enormous size, often over a foot across. Growing very rapidly and blooming when quite small, it flowers continuously, having three or more open flowers at a time. Among a profusion of speckled green pads a whole succession of buds may be seen, from those just unfolding to tiny ones just pushing out from the crown. Thriving so well in both small or large pools, everyone may enjoy this glorious water lily. Do not fail to include it **\$2.25** at our Special Price.....

SUNSHINE DUET COLLECTION No. 135

For a really colorful pool just plant these gems of brilliance. A pool for those who know.

BLUE TRIUMPH.
(Special 2 year old plant.)

ESCARBOUCLE.
Red. See Page 5. Postpaid.. **\$4.50**

SUMMER GLORIES COLLECTION No. 136

It is only because of our immense stocks we are enabled to offer you these fine lilies at such a low price. The colors perfectly harmonize.

BLUE STAR. See cover.

GLORIOSA. See Page 9.
Postpaid .. **\$2.50**

POSTPAID PRICES

All prices quoted in this catalog include free delivery anywhere in the world. (Goldfish excepted.) Our nurseries are thus brought to your door.



This shows how our 2-year-old Blue Triumph plants look when established. These entrancingly beautiful water plants are very free in bloom.

FULL OF BLOOM!

**SAVE WEEKS! 500 LARGE, BLOOMING
2-YEAR-OLD PLANTS. SPECIAL PRICE..... \$3.00**

SPECIAL!

500 Large Blue Triumph plants. These are 2 YEARS OLD and each bore over 50 flowers 12 inches across \$3.00 during 1933. The extra charge is for postage only

Pennsylvania. A magnificent old variety with rich, deep blue flowers 10 to 12 inches across. The yellow disk within the center of the flower is surrounded by an erect circle of violet tipped stamens, a most pleasing combination. \$2.

Novelty. Mrs. W. R. James. A new lily produced by August Koch. Handsome deep pink flowers. A very satisfactory clear pink and a most free bloomer. You will enjoy its sweet fragrance. \$2.50.

Col. Lindberg. An enormous clear blue blossom and one much admired. The flowers are borne high above the water on tall, graceful stems. The plant is a most free bloomer even when young. The large handsome leaves are quite unusual. \$2.50.

You, too, may have such a pool as Mrs. Edgar Farney, of Arnold, Pa. Notice the growth Johnson's Lilies have made in a few weeks time.

majestic Blue Triumph. \$1.50.

Special! Large 2-year-old plants that bloomed all summer during 1933. \$3 each.

PINK DELIGHT. Novelty. Our introduction for 1934! A fine carmine lily that will make your pool the envy of the neighborhood. The rich rose color is superb. A strong healthy plant bearing a profusion of large finely formed blooms. Striking! \$2.50.

Blue Beauty. Huge pale blue flowers 10 to 12 inches across. The beautiful speckled buds are continually arising from the crown and expanding into the spectacular flowers. \$2.

Pamela. A beautiful clear sky blue lily of largest size raised at Garfield Park, Chicago, by August Koch. The bright sky blue color is most attractive. The large leaves are beautifully mottled with brown. \$2.25.

Caerulea. The wild blue lily of the Nile. Pale blue flowers. \$1.25.

Chicago. Novelty raised by August Koch. Beautiful huge clear blue flowers. A striking plant. \$2.50.

Governor Luis Emerson. Novelty raised by August Koch. Huge pale blue flowers and spotted leaves. \$2.50.

BOOKS

Life and Love in the Aquarium. By Stoye. A new book on the care, life and habits of Tropical Fish. Written in the most interesting way by a man who is well known for his wide knowledge of Tropical Fish. \$4 Postpaid.

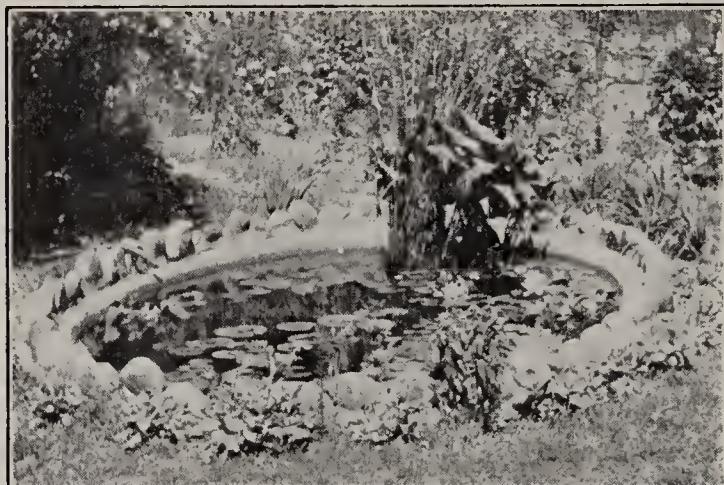
Water Gardening. By Peter Bisset. The most complete account of the culture of Water Lilies. A clear and authoritative book. Prepaid \$5.

Garden Pools: Large and Small. By L. W. Ramsey and C. H. Lawrence. A well illustrated and interesting book on water gardening. Postpaid \$2.50.

The Modern Aquarium. Innes. A standard book on Gold and Tropical Fish. Postpaid \$1.

Goldfish and Tropical Aquarium Fish. By Innes. 302 pages of authoritative culture and breeding of fish. Many illustrations and diagrams. Prepaid \$4.25.

The Aquarium. A splendid monthly magazine with colored pictures of Tropical Fish. Everyone interested in nature should have it. \$2 per year.



You can see that Mr. Basler of Fustus, Mo., gets a great deal of pleasure from his back yard pool. The picture was taken a few weeks after planting Blue Triumph, Star Lilies and aquatics.

Royal Zanzibar Lily. This is the true, glorious original Royal lily from the Island of Zanzibar. No lily has ever equalled it for its brilliant blue color nor for its graceful crumpled petals and heart of blue and gold. A few plants only. \$4.

PINK PEARL. You will certainly enjoy this most unusual flower. The petals are a bright silver pink shading toward white at the base giving the flower the most pleasing appearance. A good all around plant with plenty of character. \$2.

Henry Shaw. Beautiful saucer shaped blossoms of clear campanula blue. It produces a most astonishing number of flowers even when tiny. \$2.

MRS. GEORGE H. PRING. Large white flowers and most popular and satisfactory. A good healthy plant and a most pleasing contrast to other colored lilies in your pool. \$1.50.

Try Our 2 Year Old Blue Triumph Lilies for Early Bloom

50 BEAUTIFUL WATER PLANTS

A GLORIOUS POOL

\$15

COLLECTION No. 130
For a 7 x 10 foot Pool



Can you resist such an attractive garden? The charming outdoor living room of Mrs. J. H. Sanford, of Santa Rosa, New Mexico, planted with a similar collection.

THESE 50 beautiful plants include all the ones you will need to complete a very attractive water garden. Five of the best water lilies in a splendid range of color, plants for the centerpiece and corners, oxygenating grasses and flowering perennials for the border complete the collection. With such a back ground your pool will be a blaze of color during the entire summer and fall.

FIVE OF THE BEST HARDY LILIES

1. **GONNERE.** Snow white double.
2. **SUNRISE.** Giant yellow.
3. **ESCARBOUCLE.** Brilliant red.
4. **RENE GERARD.** Huge pink.
5. **COMANCHE.** Sunset shades.

TWELVE BEAUTIFUL BORDER PLANTS

- 4 **ORNAMENTAL GRASSES.**
- 4 **TORCH LILIES.**
- 4 **ASSORTED PERENNIALS.**

SHALLOW WATER PLANTS

- A. 3 Water Iris. Blue and gold.
- B. 1 Arrowhead; 2 Umbrella Palm.
- C. 3 Umbrella Palm. Tall and feathery heads.



- D. 2 Egyptian Papyrus; 3 Arrowhead.
- E. 1 Porcupine Grass; 2 Parrot Feather
- F. 3 Water Poppies. Cheerful yellow flowers.
- G. 1 Calla Lily; 1 Egyptian Papyrus.
- H. 1 Primrose Willow; 1 Arrowhead.

PLANTS FOR THE FISH

- I. 3 Water Hyacinth.
- J. 6 Bunches of Fish Grass.

WATER IRIS

Water Iris are beautiful both in flower and foliage. They thrive in either damp soil in the margin about the pool or preferably in shallow water. If the containers in which they are grown are raised to within 1 to 2 inches of the surface they will grow luxuriantly.

YELLOW FLAG. Tall, silver green clumps of slender pointed leaves surmounted by spikes of golden yellow flowers. A hardy vigorous plant that thrives with little attention. A pleasing plant for the background. 25c. 3 for 60c.

BLUE FLAG. Beautiful, large porcelain blue flowers with darker veining. One of the most charming of Iris with tall and graceful foliage growing easily and luxuriantly in shallow water. 25c each. 3 for 60c.

Purple Flag. Graceful spikes of large, purple flowers surmounting the grassy leaves. 25c.

Dorothy K. Williamson. We think this one of the prettiest of water plants with graceful spikes of glowing royal purple flowers and pretty grassy leaves. 40c.

Giant Flag. Similar to yellow flag but reaching a height of 6 feet when well grown. 25c.

WATER IRIS COLLECTION No. 131

\$100

The above 5 varieties of Iris.....



Johnson's lilies growing in a Japanese garden near Tokyo.

◆— STAR LILIES? See Page 20 for These Grand Aquatic Blooms —◆

STAR LILIES

THE HARDY TROPICAL WATER LILY

We are most firmly convinced that these are the most satisfactory lilies for all purposes. They seem to thrive everywhere growing freely in small pools producing an endless succession of their beautiful starry flowers even when crowded. One may reasonably expect 100 flowers a season.

ROSE STAR. The starry, brilliant rose flowers are scented with the fragrance of Lily of the Valley and throughout the summer are produced in endless succession. Often 4 to 5 flowers will be open at once, each from 5 to 8 inches across. **You may replant the old tuber each year** and it will send out new plants. **\$1.50.**

BLUE STAR. A gorgeous brilliant blue flower of great beauty. Plant Blue and Rose Star together in the same box. The color harmony is perfect. **\$1.50.**

RED STAR. A rosy wine red particularly vivid in late summer when the flowers become the most brilliant objects in the pool. **\$1.95.**

PINK STAR. Satiny, silver pink blossoms with a golden heart. Handsome. **\$1.50.**

ORCHID STAR. A large flowered orchid pink blossom. Grand. **\$2.**

HARDY?—Yes Sir!

WEATHERED 15° BELOW ZERO

"Also it may interest you to know that the Star Trio wintered under 6" of ice in our pool with weather at 15° below zero."

MRS. RAY YOUNG,
Kansas City, Mo.

"The Star Lilies purchased from you a few years back have surpassed my greatest expectations. They have withstood our coldest winters without being moved."

D. H. JOHNSON,
Memphis, Tenn.



STAR TRIO

COLLECTION No. 132

Plant these three Star Lilies together for one of the most beautiful color effects we know. They will thrive together and give you a world of bloom. Plant them in the center of your pool and you will not regret it.

1 BLUE STAR
1 ROSE STAR
1 PINK STAR

A Bargain Price **\$3.45**

HOW TO GROW STAR LILIES

Star Lilies are shipped to you as sprouted tubers which quickly come into flower. The tubers when shipped are a year old having bloomed profusely the previous summer. Each tuber will give rise to from 1 to 3 crowns, each of which will flower freely. In planting keep the sprouted end uppermost and cover lightly with a half inch of soil. Do not cover too deeply. Sink the box so it will be covered with 6 to 12 inches of water. See that they are not crowded out by the hardy lilies which start into growth before them. They will come to the surface when the water averages 68 degrees.

To carry them over the winter the old tuber should be broken off from under the new plant during the fall and stored in a box of moist sand in a frost free cellar. Next year it will sprout again.

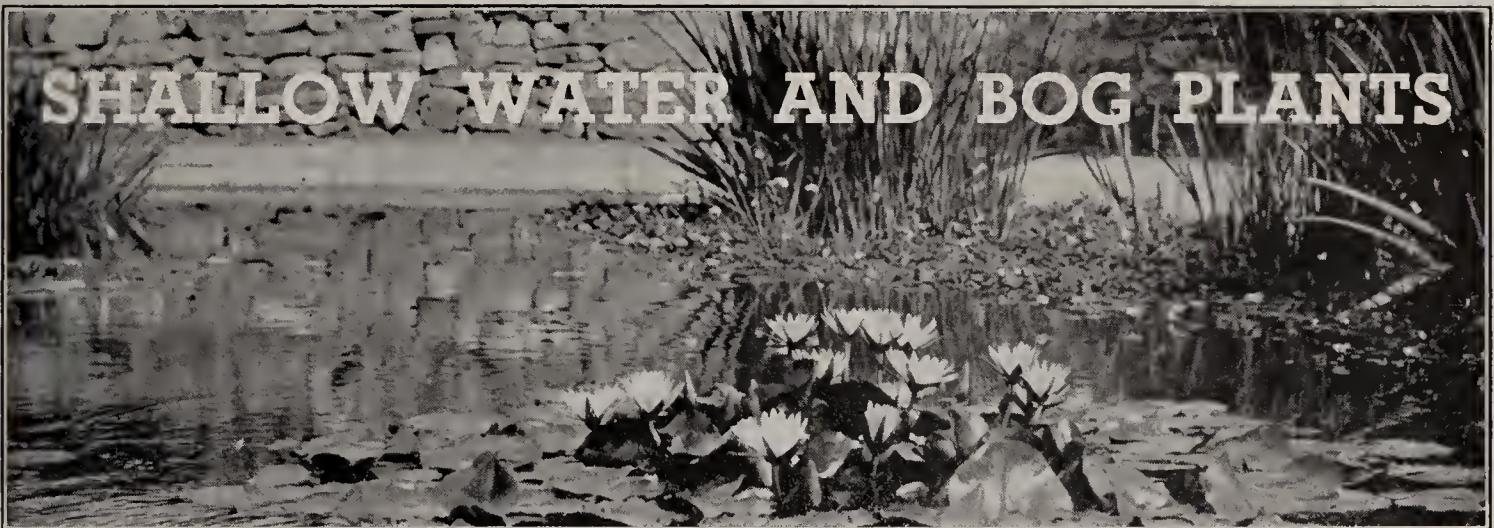
To winter the new plants raise the box in which they are growing to the surface about September 1st to check growth and force them to form a hard dormant tuber. With the first light frosts remove to basement later washing out the tubers and store in sand.



Star Lilies bloom most freely and are the best for cut flowers lasting for several days. The large leafed plant is Elephant Ear.

♦♦♦♦
Star Trio Is One of Our Finest Collections
♦♦♦♦

SHALLOW WATER AND BOG PLANTS



Depths for Planting Water Plants

- * Do best in 6" of water.
- + Do best in 2" of water.
- † Do well in 2" to 12" of water.

SHALLOW WATER PLANTS

Here are found the many charming flowering plants that help to give the water garden its color and beauty. Every pool needs these interesting, lush growing plants for they form the frame for the lilies.

***WATER POPPY.** Cheerful yellow flowers like big California Poppies. The handsome flowers with maroon eye are borne on floating runners all summer long in the greatest profusion. Plant as you would a water lily. 15c. 4 for 50c. \$1 per dozen.

+TRUE GIANT ARROWHEAD. (*Sag. montevidensis*). Turn to rear cover for colored illustration. (Lower left). One of the best. Grows 5 feet high when well matured! Easy to grow, always in flower. 35c.

+PORCUPINE GRASS. Porcupine quills banded cream and green alternately. A handsome plant growing 2 to 3 feet high. Easy growing. 25c.

+WATER CANNA. Grows 3 to 5 feet high. Looks somewhat like a Canna but has purple flowers. When established it is very easy to grow. It is hardy anywhere. A fine thing. 40c.

+AZURE PICKEREL PLANT. A most attractive novelty from South America. Grows in the swamps about Montevideo. From 2 to 6 feet tall, each heart shaped leaf ends in a spike of bright blue flowers. The buds are covered with silvery wool. A fine plant blooming throughout the summer. You will enjoy this easiest growing of aquatics. 35c.

+PRIMROSE CREEPER. A rapidly growing vine for covering rocks. Will quickly cover over concrete edge of pool. Beautiful shining green leaves veined



WATER POPPY

with white and handsome large golden yellow blossoms. When growing out over the water it is partially submerged, its long wreath-like tendrils being very graceful. 20c. 3 for 50c.

+Four Leaf Water Clover. (*Marsillia*). Handsome water fern with clover-like fronds. A pretty, hardy plant, growing quickly in shallow or deep water. The clover-like fronds sometime float on the water and sometime cover like a lawn. You will like it. 20c. 3 for 50c.

+EGYPTIAN PAPYRUS. Our most popular water plant. Turn to page 22 for illustration, also illustrated in color on back cover. It grows wild along the Nile where the ancient Egyptians used it for making paper. It throws up graceful stems 3 to 8 feet tall ending in immense plumy heads. Every pool no matter how small should have this remarkable plant famed in Bible history. 35c. 3 for 75c.

+BUTTERFLY RUSH. (*Sag. papillosa*). Graceful arching spikes of fluttering butterfly-like white blossoms. The green fan-like spray of leaves grows from 2 to 4 feet high. One of the best novelties we have introduced. An easily grown, necessary plant. 35c.

+PRIMROSE WILLOW. A graceful bushy plant with large golden yellow flowers and willow like leaves. Grows from 2 to 3 feet high producing plenty of flowers all summer long. We have it in bloom from April to December. Is hardy anywhere and easy to grow in any pool. 35c. 3 for 75c.

FLOWERING BEAUTIES

COLLECTION No. 120

Five attractive flowering beauties for every pool. No one can afford to be without these striking blossoms. Peacock Hyacinth, Butterfly Rush, Primrose Willow, Primrose Creeper, Azure Pickerel Plant. \$1.25.

+Pickerel Plant. Clusters of purple flowers with yellow Peacock eye. Blooms all summer. The flowers are borne in the center of the heart shaped leaves. Perfectly hardy this plant grows 2 feet high. 25c.

+Parrot Feather. Fine for trailing over rocks or a fountain. Soft feathery green tendrils. Grows very rapidly and is a good plant for fish. 2 bunches 25c.

+CALLA LILY. A very tropical looking plant with large snowy-white trumpet flowers. Grows freely in quite shallow water and is everblooming. A fine winter blooming pot plant. Put it in a sunny window in the fall. One of our best. 40c.

+Elephant Ear. The leaves are immense reaching over 3 feet across. See illustration on page 20. They are lustrous, emerald green. Needs warm weather and should be planted with **only** roots in water. Thrives in damp soil. 35c.

+Floating Heart. Bright yellow flowers like a fringed Gentian. They last but a day but new ones are continually produced on the floating runners. The water lily-like leaves are handsomely marked with maroon. Very hardy. 25c.



Young Mr. Heck, of Monmouth, Ore., is fishing for big game. Also you will notice Johnson's lilies are blooming well.

SEE PAGE 2 ON HOW TO ORDER



Papyrus at left.

***PEACOCK HYACINTH.** (E. *azurea*.) Brilliant purple flowers with peacock eye. A free blooming treasure that everyone wants. The handsome flowers are borne in short spikes in the leaf axils. Plant it in deep or shallow water and it will grow to the surface where it creeps about among the lily pads. Every pool large or small should have it. It grows very easily. 35c. 3 for \$1.

+DOUBLE JAPANESE ARROWHEAD. A handsome double flowered arrowhead that blooms freely. The snowy flowers are completely double. \$1.

***WATER HAWTHORNE.** Snowy white flowers with the fragrance of old English Hawthorne. The blossoms float on the surface among the bright green, oblong pads. They are most interesting the spikes being forked in a V shape and studded with florets each speckled with tiny black anthers. It grows like a water lily from a small bulb and should be planted 6 to 12 inches deep. 50c.

+Brass Buttons. (*Ranunculus repens*.) The shiny varnished yellow flowers of this creeping wader are most attractive. A quick green cover to clamber among rocks, creep over walls or wade in shallow water. 25c.

+Sweet Flag. Shining, bright green, sword shaped leaves and sweetly fragrant, aromatic roots. 25c.

+Water Amaryllis. (*Crinum americanum*). A fine bulb related to the brilliant Amaryllis. Clusters of large white flowers with a powerful fragrance. Thrives in shallow water. Nice established plants are 50c each.

+Purple Loosestrife. A hardy perennial plant for shallow water. Brilliant spikes of rosy flowers. Forms nice colonies and grows easily coming up year after year. 25c.

Nile Trio

COLLECTION No. 133

Three fine African Plants to give your pool a different interest. Egyptian Papyrus, Umbrella Palm. Calla Lily. 95c.

Small Pool Aquatics

COLLECTION No. 134

25 shallow water aquatics in 15 or more varieties our selection. A fine selection assured. \$2.95.

+UMBRELLA PALM. A popular, easy growing shallow water plant with plump, green heads of leaves. It is related to the Papyrus but does not grow so tall. The slender leaf stalks are 2 to 3 feet high each surmounted by a feathery cluster of leaves. Grows equally well in moist soil or shallow water. 25c. 3 for 50c.

WATER HYACINTH. A floating plant with delicate spikes of lavender flowers with yellow peacock eye. The bladdery floating leaves thrive best when the roots are moored among the cool water lily leaves. 15c. 4 for 50c.

+Japanese Arrowhead. A freely flowering plant for shallow water with most attractive, soldierly, arrowshaped leaves and pretty spikes of charming white flowers. In rich soil it 25c. 3 for 50c.

+Chinese Arrowhead. Broad arrowshaped leaves. A most interesting variety with delicious edible corms. 35c.

+IMPERIAL TARO. A handsome, rare aquatic Elephant Ear with beautiful leaves blotched and mottled with deep violet black. It grows in India but is fully at home here though it should not be planted until settled weather has arrived. 50c.

BLUE AFRICAN LILY
This handsome plant (*Agapanthus umbellatus*) produces large heads of beautiful blue flowers all summer. It is not a water plant but thrives in the damp soil near a pool. A most easily grown plant. Should be potted up in the fall and kept in the house. Fine plants. 50c.

SPINY GERANIUM

Another plant for the rock garden. Pink and white flowers in abundance. Blooms all summer. Pot it in the fall and it will bloom all winter. 50c.

+Chinese Water Chestnut. Grows freely in shallow water. Green quill-like leaves two feet high. In the fall bears the famous chestnuts on the roots. 25c.

+Spider Lily. A handsome West Indian bulbous plant with clusters of pure white blossoms that are extremely fragrant. 50c.



This fine example of a formal pool is at the home of Mr. Oscar L. Roth, of Wheeling, W. Va. Note the luxuriant growth of Johnson's lilies.

+Velvet Leaf. (*Limnocharis flava*). Beautiful, velvety, pale green leaves and spikes of large yellow flowers. As the flower spikes grow old they root in the mud forming new plants. Rare and desirable. 50c.

+GIANT MARSH MARIGOLD

A huge form of the beautiful hardy Caltha. Grows 12 inches high with 2½ inch flowers. Striking! \$1.

YELLOW FLAG. Tall spikes of yellow flowers in early spring. A very hardy plant that grows most easily in any pool. Tall silver-green clumps of slender pointed leaves. One of the best. 25c.

+Graceful Cattail. The prettiest form of Cattail. Long slender double cattails and graceful arching silver green leaves. A very handsome variety not too strong a grower. 25c.



This photo shows the luxurious effect of a proper planting of the things on this page. Water Iris, Egyptian Papyrus, Torch Lilies, etc.

◆-----Special Price List of Goldfish Mailed on Request-----◆

SUNSHINE FLOWER SEEDS

NOVELTIES FROM CALIFORNIA



DAHLIA FLOWERED ZINNIA

DELPHINIUM

WREXHAM or Hollyhock Strain. A glorious strain producing enormous spikes of large single and double flowers. Contains all the brilliant shades of blue that have made these flowers famed. We have gone over fields of these and they truly are magnificent. They have been called Hollyhock because of the enormous size of the flowers. 50c per packet.

GOLD MEDAL HYBRIDS. A beautiful strain with plants of strong vigorous growth and bearing spikes often 2 feet long with large blossoms. They are mostly of the lighter shades of blue. 15c per packet.

DAHLIAS

A wonderful selection of the finest **Decorative** and **Cactus Dahlias.** These seeds have all been collected from the best varieties and will give you many plants with superior blooms. One will often get flowers as good as the finest named sorts. 50c per packet.

Double Large Flowering. Saved from beautiful double Show varieties. 15c.

STOCKS

CUT AND COME AGAIN. A splendid class of these most popular flowers. Seeds sown early will commence blooming in July and will continue until frost. They are especially good for cutting as they produce many side branches. Our strain is particularly good and will produce a high percentage of doubles.

BRILLIANT. Fine, blood red spikes.

CREOLE. Canary yellow.

MAY QUEEN. Pale blue.

ROSE. Rose pink. This variety obtained an Award of Merit.

SAPPHIRE. Deep blue.

PRINCESS ALICE. Snowy white.

15c per packet. 4 packets for 50c.

Collection of 6 varieties, six 15c packets.....

60c

ASTERS

AMERICAN BEAUTY. A very handsome strain that grows nearly 3 feet high. The flowers are very large and quite double and are borne on long, stout stems. We have them in the following colors:

AZURE FAIRY. Blue.

PEACH BLOSSOM. Blush pink.

PURPLE BEAUTY. Rich purple.

SEPTEMBER BEAUTY. Shell pink.

WHITE BEAUTY. Snowy white.

CRIMSON BEAUTY. Deep crimson red.

15 per packet. 4 for 50c.

Collection of 6 varieties,

six 15c packets.....

75c

MONARCH OF THE VELDT.

This handsome plant from the deserts of Namaland in Africa has taken the country by storm. Its huge, deep orange flowers like giant daisies are 4 to 5 inches across. The base of each petal is zoned with purple-black, the upper part being deep orange. The plant seems to go all to flower and blooms till frost. As a cut flower it will give you something new to show your friends. Try it as a border plant or preferably in your rock garden. 25c per packet.

Considerably more than half the world's supply of flower seeds is harvested in California. Each year thousands of acres are planted. Great fields of sweetpeas, petunias, marigolds, stocks and the myriad blossoms that adorn our gardens cover our valleys like gargantuan Persian carpets. From amongst the thousands of varieties we have chosen a number that we feel you will enjoy having in your own garden. The seed has been carefully selected and grown under the most rigid control.

CALIFORNIA DAHLIA FLOWERED ZINNIAS

Among the most gorgeous of annuals with a wide range of brilliant colors. These mammoth flowered new Zinnias average over 6 inches in diameter. The plants grow vigorously and will reach 3 feet in height. The many fine flowers are borne on strong stems and the plants stay in bloom a long time.

SCARLET FLAME. A beautiful, brilliant scarlet flower of a most intense color. Blossoms over 6 inches.

GOLDEN DAWN. The enormous, golden yellow flowers have caused a sensation. This striking, new creation will please you.



ANNUAL CANTERBURY BELLS

CRIMSON MONARCH. This is one of the largest of Zinnias with deep crimson blossoms often over 8 inches across.

DREAM. A deep lavender blossom turning to a rich purple as the flowers age. A most exquisite color.

CANARY BIRD. The huge flowers are of a most vivacious canary-yellow and perfectly formed.

EXQUISITE. The rich, rose pink flowers are truly like splendid Dahlias. Per packet 15c. 4 packets for 50c.

Collection of 6 varieties, six 15c packets..... 70c

CHINESE WOOL FLOWER

These easily grown and beautiful plants always attract attention for their striking and peculiar flowers. The plants grow 2 to 3 feet tall, are well branched each branchlet ending in a ball of scarlet wool. They are most effective in the garden lasting in full beauty, unfading until frost. 15c per packet.

ROCK GARDEN ANNUALS

This handsome mixture contains 25 varieties of annuals each one of which is a good rock garden plant. Sow this around the rocks by your pool. They will give you plenty of bloom during the summer. 25c per packet.

NEW ANNUAL CANTERBURY BELLS

One of the outstanding novelties is this entirely new strain of Canterbury Bells. It is now possible to have them bloom the first year from seed! The plants grow rapidly reaching a height of from 2 to 2½ feet and branch profusely carrying from 6 to 8 spikes of bloom.

LIBERTY BELL. A beautiful violet-blue color. A heavy and continuous bloomer until frost. 35c.

ANGELUS BELL. A beautiful art shade of deep rose. A very vivid color. 35c per packet.

MIXED COLORS. A selection of blue rose, pink and white. 25c per packet.

VERBENA

SPECTRUM RED. An intense, bright red. Unquestionably the brightest of all Verbenas. A robust growing plant with immense trusses, the individual flowers measuring an inch across. 25c per packet.

JOHNSON'S GIGANTEA MIXED. A huge flowered strain of vigorous habit and fine range of color. A blaze of color all summer. 15c per packet.

FIREBALL. A new departure. Plants grow very erect, some 6 inches tall, and are literally covered with bright scarlet flowers. It makes a fine bedding. 15c per packet.



VERBENA SPECTRUM RED

Johnson's Sunshine Seeds are California's Best



NASTURTIUM GOLDEN GLEAM

GOLDEN GLEAM

Something new in this cheerful, popular flower. A double, very sweet-scented Nasturtium with splendid golden yellow blossoms $2\frac{1}{2}$ to 3 inches across! They are borne in the greatest profusion to almost smother the plant and over a long season. The plant forms a ball and comes into bloom early, the blossoms having 6-inch long stems which makes them stand above the foliage. It is especially useful for planting in window boxes. Per packet. **15c.**

CALIFORNIA PETUNIAS

For a generation the world's finest Petunias have originated in California. Our seeds are of the very choicest selected strains.

Ruffled California Monsters. Beautiful, large, ruffled flowers, richly veined and marked. Every seed pod is hand fertilized. A marvelous strain. **50c** per packet.

Theodosia. Handsome brilliant pink, fringed flowers with a golden eye. **35c.** per packet.

Elks' Pride. Brilliant velvety purple. **25c** per packet.

Rosy Morn. Brilliant pink flowers with white throat. A heavy bloomer. **15c** per packet.

MARIGOLD

Orange All Double. A new strain of African Marigolds with large, handsome quilled and very double flowers. We saw great fields of them that came almost 100 per cent double. They grow so easily and bloom so freely that everyone should have them. **15c** per packet.

Guinea Gold. This sensational new variety was voted the finest introduction of the past season. A new and distinct type with ruffled loose-placed petals. The brilliant orange blossoms are great for cutting and the plant is equally good for borders and beds. Marigolds always give a good account of themselves and this one is particularly good for when cut it lasts in perfection for days. Per packet, **15c.**

SUNSHINE FLOWER SEEDS (Cont.)

JOHNSON'S SUNSHINE ORCHID FLOWERED

SWEET PEAS

This splendid race of Sweet Peas make sturdy vines and bear quantities of large, wavy petalled blossoms of the most brilliant, clear colors. From among the hundreds of varieties we have selected what we consider the very choicest with the widest range of color.

FLAMINGO. Orange scarlet with cerise lights.

AMETHYST. Fine deep blue.

DAMASK ROSE Brilliant carmine-red.

LEVIATHAN. Rich maroon.

PIRATE GOLD. Deep orange.

SYBIL HENSHAW. Deep crimson-red.

HUNTSMAN. Brilliant orange-scarlet.

PURPLE MONARCH. Rich purple.

AVALANCHE. Snowy white.

THE CARDINAL. Pure bright scarlet.

ORANGE PICTURE. Light orange.

CHARMING. Clear, cerise-red.

Price of any of the above **10c** per packet. Per ounce **25c.**

Collection of 12 varieties.

Twelve 10c packets.....\$1.00

CALIFORNIA POPPY FIREFLAME

The gorgeously vivid coloring of this California Poppy sets it apart from all others. The brilliant orange scarlet makes it unique. **15c.**

New Brilliant Hybrids. A glorious strain rich in shades of crimson, pink and orange scarlet. **10c** per packet.

MORNING GLORY. ROSE MARIE

A splendid new, double, ruffled Morning Glory. Flowers are of a beautiful shade of deep rose. We are sure you will enjoy this for it really is a charming plant. Train it on a pergola or fence. **15c** per packet.



MARIGOLD GUINEA GOLD

◆—————**CALIFORNIA SEEDS ARE WORLD'S STANDARDS**—————◆



PEANUT CACTUS FISH HOOK YELLOW DUMPLING HUERNIA XMAS CHEER SILVER DUMPLING CACTUS

CACTUS and SUCCULENTS

From the Largest Cactus Nursery In America

Have you seen our handsome seedling Cactus? Our seedlings are perfect plants with lots of healthy roots. If you have never grown Cactus you will be surprised how easy they are to care for. You will be pleased at the beautiful plants we ship and the interest you will have in forming a collection of them. Even in a small window you can have a good collection, for the plants do not grow too large. Remember we guarantee the safe arrival of all plants shipped, a guarantee based on 58 years of nursery business.



OLD MAN OF THE MOUNTAIN

OLD MAN FROM THE ANDES. (*Oreocereus Celsianus*). A fine white haired Old Man from the Bolivian Andes. Long, snowy hair from the spine areoles. A handsome rare variety and a beauty for your collection. 75c to \$1. Variety *Bruennowii* with copious silvery brown wool. Beautiful. 50c. *O. fossulatus*. White wool. Rare. 50c.

ORGAN PIPE CACTUS. (*Pachycereus*). Easily grown, handsome plants. Just the thing for the window garden. **P. Pringlei.** Beautiful columnar small plants 2" tall with red and yellow spines. Easy to grow. 25c. **P. marginatus.** Smooth columns. 25c. **P. chrysomallus.** A fine Mexican species. 30c. **C. columnna-Trajanii.** Trajan's Column. Rare. 25c.

GRIZZLY BEAR. (*O. ursina*). One of the most attractive and widely sought cacti. Long, pure white hair completely clothing the plant. The beautiful, satiny, rose colored flowers are 3" across. At great trouble we have had our plants collected where the temperature falls to 10° below zero. 35c.

Peniocereus Greggii. A handsome night-blooming cereus with white flowers. Its greatest peculiarity is its huge turnip shaped root often weighing many pounds. Nice young plants. 25c.

Fish Hook Cactus. (*Mam. capensis*). Handsome fish-hook spined thimble cactus with pretty pink flowers. 25c.

Monkey Tail. (*Aporocactus x Mallisoni*) A hybrid "Rattail" with large, bright red flowers. A real easily grown plant. 35c. 8" grafted plants where branches hang down naturally. 75c.

BURBANK'S SPINELESS CACTUS. The wonderful fruit bearing cactus developed by Luther Burbank. Fruit size of duck eggs with pineapple flavor. Heavy fruit bearers. 50c.

LEMON VINE CACTUS. (*Pereskia aculeata*) A handsome vine with glossy green leaves and creamy white clusters of sweet lemon scented flowers. Fine for grafting other cacti. 25c.



GRIZZLY BEAR

OLD MAN OF THE MOUNTAIN. (*O. Trollii*). A beautiful, easily grown cactus with abundant silky white, hair-like cobwebs. Comes from high in the Andes of Peru. One of the finest and rarest cacti. Ours are really handsome plants. 50c and 75c each. Grafted Plants \$1.25.

PEANUT CACTUS. (*Chamaecereus Sylvestrii*) A dwarf, free blooming scarlet flowered cactus. See colored illustration above. A quick growing plant without sharp spines and one that flowers every spring. Easy to propagate as every piece grows. Even young plants flower freely. Nice branched plants. 25c.

GRAFTED PEANUT CACTUS. Every cactus fancier wants a grafted cactus in their collection. These rapidly grow into valuable specimens. Grow your own specimen and save money. Grafted on *N. serpentinus*. 4 to 6" tall. 50c.

CURIOSITY COLLECTION

Collection of 6 plants illustrated at top of page. \$1.15 Postpaid.

SILVER DUMPLING CACTUS. (*Mam. elegans*) Silver white globes with a chaplet of ruby red flowers. Even small plants bloom. Seed pods which follow are bright red. A beauty and easily grown. See color plate above. 35c.

XMAS CHEER. (*Sedum guatemalensis*) A beautiful, new succulent with holly green leaves tipped with red. A charming small plant for bowls. See color plate above. 15c.

Huernia. Pictured above, these most interesting plants are closely related to the Star Fish Flowers. **H. Schneideriana** bears morocco-red stars with finger-like prickly stems. 35c. **H. Penzigiil** has jet black bells. Most rare and interesting. 35c. **H. longistuba** bears handsomely spotted bell-shaped stars all summer. 35c. **L. Loosneriana** with tawny red bells. 35c. One of each for \$1.

Rabbit Ears. (*O. microdasys*) The ear-like pads are covered with golden spicules and often come in pairs giving the plant a peculiar rabbit-like appearance. 25c.

GOLDEN STAR CACTUS. (*Mamillaria stella aurata*) Bright yellow, thimble-like dwarf cactus with star-like clusters of spines. Grow into handsome specimens, the babies piling up about them. 25c.

M. elongata with spines shaded red. 25c. **M. e. tenuis.** Perfect, yellow, clustered jewels. 25c.

NIGHT BLOOMING CACTUS. This group of night bloomers, Harrisias, are easily grown, free bloomers. The plant at the right had 36 flowers at one time, each over 5 inches across. **H. Simpsonii.** A beautiful Floridian species. 25c. **H. Martinii.** Fine white flowers. Easy to grow. 25c. **H. tortuosa.** Very spiny. 50c.



NIGHT BLOOMING HARRISIAS.

♦—Cacti Make Fine House Plants. They Thrive In Gas Heated Rooms—♦



GOLDEN BARREL

GOLDEN BARREL CACTUS. (*Echinocactus Grusonii*) A real barrel cactus with clear golden spines. A most handsome plant shining in the sunlight. Considered by experts one of the prettiest of cacti. Nice young plants over 1 inch in diameter. **25c.**

10 Inch Spined Barrel. (*F. rectispinus*) A fine Barrel from Baja California bearing spines when full grown 10" long. Rare. Nice plants. **25c.**

BARREL CACTUS, botanically called **Ferocactus**, **Echinocactus**, etc., are a very large group. They have accordian-like ridges and are barrel shaped. Many of them have fine flowers and interesting spines. We list them and allied Parodias, Hickenias, etc., below.

FEROCACTUS (True Barrel Cactus) **F. acanthodes**. The large California Barrel. Red and yellow spines grows on rock ledges in the hottest deserts. The bitter juice may be drunk in necessity. **15c.** **F. Orcuttii**. We have some fine plants for dishes. Red and yellow globes. **20c.** **F. Wislizeni**. Arizona Barrel from which Cactus Candy is made. **20c.** **F. gracilis** is a rare new one. **25c.** **F. Townsendianus**. A fine new one. **25c.** **F. viridescens**. Nigger Head. **25c.** **F. peninsulae**. Very rare. **30c.** **F. corniger**. A beauty. **25c.** **F. echidne**. Huge Mexican Barrel. **25c.**

Black Cactus (*Neopoteria nigricans*) A very rare black Barrel. Nice plants. **\$1.**

Parodia Maassii. A most rare one from Bolivia with spiral pleats. **40c.**



QUEEN OF THE NIGHT

QUEEN OF THE NIGHT. (*Selenicereus Macdonaldiae*) To have seen this extraordinary plant in flower is a never-to-be-forgotten experience. The huge white blossoms, often a foot across, open at dusk. It is easily grown, requiring plenty of moisture during the summer. **50c.** Other splendid varieties are **S. grandiflorus**. The rare true species. **75c.** **S. Donkelaeri**. Fine grafted plants. **75c.** **S. Murillii**. Slender climber. Grafted **75c.** **S. coniflorus**. Huge cream-colored flowers. A beauty. **35c.**

Hamatocactus setispinus. Blooms all summer bearing large yellow flowers with red throat. An easily grown, free blooming house plant. **35c.**

Deamia testudo. A rare night bloomer from Central America. Grafted. **75c.**

HEDGE HOG CEREUS. (*Echinocereus*) These cacti are noted for their large blooms generally of a beautiful satiny pink. Most of them are dwarf growers with finger-like stems pressed together in mats. **E. procumbens** with $2\frac{1}{2}$ " satiny pink flowers. A fine easy grower. **25c.** **E. PECTINATUS**. A beautiful white spined cactus. Big cerise pink flower. A gem. **25c.** **E. mojavensis** with blood red blossoms. Fine. **20c.** **E. Knippelianus**. A rare beauty. **50c.** **E. stramineus**. Purple flowers. **25c.**

TWO HARDY HEDGE HOG CERESI. **E. Engelmannii** is one of the prettiest cacti with handsome yellow, white and black spines and big, rosy flowers. Easy to grow. Nice large plants. **35c.** **E. octacanthus**. Nice clusters and crimson flowers. **35c.** These are both collected where the temperature goes to 10° below zero.

Old Woman Cactus. (*Echinocereus De Laetii*) Handsome, long white hair. With age the plant becomes entirely clothed with long white hair. Very rare. **40c.**

Thimble Cactus. (*Mammillaria fragilis*) Like the Old Woman Who Lived in a Shoe this little cactus raises a large family. Pure white thimbles with white blossoms. Young plants form all over the plant. Each baby grows easily. **25c.**

Mediocactus coccineus. This rare Brazilian cereus is seldom procurable. Grows as a climber. Nice plants. **35c.**

GIANT CACTUS (*Carnegiea gigantea*) Illustrated above. The Giant Cactus of Arizona. Plants reach immense size. Small plants are fine. **25c.**

HONOLULU QUEEN CEREUS. (*Hyalocereus tricostatus*) Magnificent night blooming cereus with pure white blossoms over a foot across. A glorious jungle climber that you can flower in your own home. These plants were imported directly from Honolulu from the famous Night Blooming Cereus hedge at Punahoa College. **50c.**

COLLECTION OF FLOWERING CACTUS

Cacti that may be flowered in pots. 1 Peanut Cactus. 1 Hedge Hog Cactus. 1 Orange Tuna. 1 Xmas Cactus. 1 Hybrid Hedge Hog. Postpaid **\$1.**

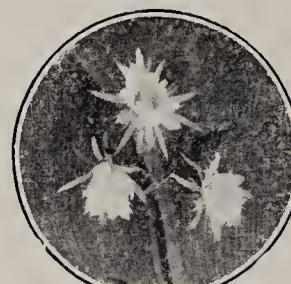
PHYLLOCACTUS. These are the most brilliantly flowered of all cacti. The flowers are from 3 to 8 inches in diameter and range in all colors from white to pink, red, violet, orange, yellow. They are particularly adapted to house culture as the plants are spineless, flower when small in size, require the same care as ferns and thrive where ferns and other house plants die. They have been widely known throughout America and Europe for 50 years as common house plants thriving on the window ledge. We are increasing our collection and will have more varieties to offer in the future. **Empress**. A most free blooming pink variety. Long, slender, arching green pads studded with dozens of deep pink blossoms. The flowers are so beautiful as to sometimes hide the plant. **35c.** **ACKERMANNII**. Easily grown in any window. Graceful, coppery stems and handsome bright red flowers 4 to 5 inches across. Blooms over a long period. A real beauty. **35c.** **General Garibaldi**. A gorgeous, scarlet hybrid with large blossoms. **75c.**



A part of the Cactus collection of Mr. C. E. Nelson of Abilene, Kansas. He has a fine collection of over 300 kinds and has found them easy to grow.



BARREL CACTUS
At right a Giant Cactus.



NIGHT BLOOMING CEREUS

Turks Cap. (*Melocactus*.) Among the strangest Cacti. Globular plants with a red Turks fez perched on top. This cephalium produces the flowers and is only found on mature plants. **M. MAXONII.** Fine interesting small plants. 50c. **M. TOWNSENDIANUS.** A rare species. 60c.

• **CEREUS.** True cereus. **C. PERUVIANUS.** One of the finest cacti. Handsome plants growing quickly and easily. Beautiful white night bloomer. Every collection must have it. 25c. **C. JAMAICARU.** Similar with yellow spines. 25c.

• **STAR CEREUS.** (*Lemaireocereus stellatus*.) Club shaped stems flushed with red with white spine clusters. Easy grower. 25c. **L. GRISEUS.** A beauty with powdery blue stem and red and black spines. 25c. **L. chende.** Deep green column. 25c. **L. CHICHIBE.** Round, bright blue stems. A gem. 25c. **L. Holianus.** Clusters of stems. 25c. **L. PRUINOSUS.** Handsome blue stems stained with red, splendid! 25c. **Giant Mexican Cereus.** (*L. Weberi*.) A real giant cactus 40 feet high. Fine young plants 25c.

BISHOP'S CAP COLLECTION

One each of the following.
Bishop's Cap. **Organ Pipe.** White Star Cactus. *Cereus peruvianus*.
Barrel Cactus. 95c.

• **PRINCESS OF THE NIGHT.** (*S. nycticalus*.) Truly named this beautiful royal flower will astonish you with its size. A quick growing plant with square stems and hardly any spines. Flowers are almost a foot long, pure white with yellow sepals. A good house plant. 50c.

• **CROWN OF THORNS.** (*Euphorbia splendens*.) The famed Crown of Thorns. Flowers are blood red and the plant is always in bloom. Supposed to have been the plant of the Crucifixion although it is a native of South Africa. 50c.

Peyote. *Lophophora Williamsii*.) Does not look like a living plant. A peculiar smooth rock-like plant without spines. Pretty pink flowers. The dried plants are famous among the Indians for their strong narcotic effect. Big plants. 50c.

• **WHITE STAR CACTUS.** (*Coryphantha clava*.) Each nipple crowned by a pure white star. A small growing cactus you will like. 35c. **C. AS-**

TERIAS. Also has pure white stars. 20c. **C. Ottonis.**

Small finger like plants with clusters of star spines. 20c.

Hardy Coryphantha. (*C. chlorantha*.) Thickly clothed with white spines, this dumpling cactus is quite hardy. We have them collected where the temperature falls to 15° below zero. For your rock garden. 35c.

• **DUMPLING CACTUS.** (*Mamillaria*.) One of the handsomest groups of dwarf cacti. Round plants from 2 to 6 inches high bearing their harmless spines on nipples. The plants are very daintily geometrical in shape and a collection of them will give the fancier a thrill. **M. perbella.** Fine white spines, red flowers. 30c. **M. Winteriana.** New. 25c.

M. pseudoperbella. Beautiful silvery white globes and carmine flowers. 30c. **M. Parkinsoni.** White spines and red flowers. 25c. **M. geninispina.** Forms pure white clusters. 35c. **M. CANDIDA.** A beauty. Snowy white. 30c. **M. sempervivi.** A rare species with fine flowers. 25c. **M. uncinata.** Hooked spines. 25c. **M. sinistrohamata.** New. 25c. **M. Waltheri.** New. 25c. **M. longiseta.** Rare. 30c. **M. kewensis.**

Handsome ruby red flowers. White wool in axils of mammae. 30c.

MAMILLARIA BOCA-SANA. A white woolly cactus like the photograph. Long silky white wool covers the whole plant making it most attractive. We have a limited number of perfect specimens. We recommend it as a real beauty for the beginner. 35c. **Mamillaria Klissingiana.** New, white spined species. 25c. **M. Moelleriana.** Beautiful. 25c. **M. rho-dantha.** Handsome with brilliant carmine flowers. 25c. **M. Fraileana.** 25c.

M. diocia. 25c. **M. compressa.** Pomegranate red flowers. 25c. **M. Sartorii.** A rare and handsome species. 35c. **M. Heyderi.** Red fruits. 30c. **M. carne-a.** Handsome with white wool among the nipples. 25c. **M. magnimamma.** White wool in crown. 25c. **Mamillaria Schiediana.** A new golden one. A beauty. 35c.



MAMILLARIA BOCASANA



WHITE TORCH CACTUS

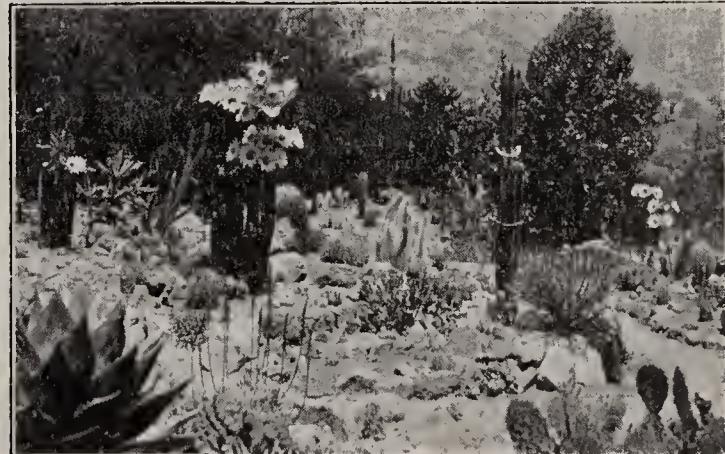
One of the easiest of all to grow is this glory from the Argentine. If you want to graft cactus use this one to graft on. Fine plants. 25c.

GOLDEN TORCH CACTUS. (*Cephalocereus chrysacanthus*.) Brilliant yellow, soft spines. A handsome brightly colored gem. The cephalium consists of long silky hair. 35c.

• **SILVER TORCH CACTUS.** (*Borzicactus Strausii*.) Thickly clothed with soft silvery white spines. One of the prettiest and most sought after of all cacti. Until recently these have sold for \$2.50 or more. We have some fine perfect specimens. 35c. 6 inch specimens. 50c.

• **WOOLLY TORCH CACTUS.** (*Cephalocereus Palmieri*.) We were in hopes to be able to illustrate this beautiful cereus this year. A columnar cactus with masses of pure white wool fine as silk. One of the real gems among cacti. 30c. **C. Sartorianus.** Another similar plant. 50c.

Orange Torch Cactus. (*Haageocereus chosicensis*.) Brand new. A handsome orange spined cereus from Peru. Has red flowers. Even the young plants are handsome. Small plants 50c. 2 year old plants \$1.



The interesting cactus garden of Mr. W. L. Otte of Santa Barbara. As an indoor house plant or in the rock garden cacti are always interesting.

Our Complete Cactus and Succulent List Sent Only With Purchases



SNAKE CACTUS

ery wool. Absolutely pure white, this little gem is one of the collectors' prizes. Always a most expensive plant we have at last developed a fine stock of it. 50c.

• **XMAS CACTUS.** (*Epiphyllum truncatum*.) These popular plants are often called Crab Cactus. They bloom during the winter months producing literally hundreds of blossoms 2 inches long at Christmas time. Give them the same treatment as ferns. Very easy to grow and like plenty of water. 12 inch grafted plants. 75c.

EASTER CACTUS. (*Schlumbergera*.) Bright scarlet flowers produced in abundance at Easter time. Grow like Xmas cactus. *S. Gaertneri*. Grafted plants only. 75c. *S. Russellianum*. Grafted. \$1.

QUEEN CACTUS. (*Phyllocactus latifrons*.) Handsome night blooming cactus with huge pure white blossoms 8 to 10 inches long. Very easy to grow and bloom. Stock is always scarce. Treat like Christmas cactus. 75c.

|| **COLLECTION OF SHADE LOVING CACTI** ||

These all need the same care as given to ferns. They are all free bloomers. **Xmas Cactus. Empress. Hybrid Xmas Cactus. Ackermannii. Hybrid Phyllocactus.** \$1.25.

FAIRY BELLS. Scarlet bells. Scarlet and yellow bells as big as your thumbs. Last for weeks. 25c.

Hen and Chickens. Rosettes of blue-white succulent leaves and rosy red flowers tipped with yellow. Easy to grow. 25c.

• **HEDGE HOG CACTUS.** Big pink blossoms like easter lilies borne on plants the size of an orange. One of the easiest to flower. 25c.

Banded Aloe. A handsome plant with gorgeous orange-red flowers and spotted white and green leaves. 25c.

Orange Dyckia. Small rosettes of spiny leaves and orange red flowers. 25c.

Cotyledon macrantha. Large fleshy leaves rimmed with red. Deep orange flowers. 25c.

• **SNAKE CACTUS.** (*Nyctocereus serpentinus*.) The snake cactus is an easygrowing cactus for the beginner. Grows quickly and blooms freely. Plant is always chosen by visitors for its beauty. Makes an easy plant to graft on too. The pure white flowers are 5 inches across and delightfully fragrant. Blooms in evening. 25c and 35c.

|| **COLLECTION OF NIGHT BLOOMING CEREUS** ||

5 varieties of these splendid blooming cacti. Queen of the Night. Honolulu Queen Cereus. Harrisia. Princess of the Night. Snake Cactus. \$1.50.

Lambs Wool Cactus. (*Mammillaria plumosa*.) The spines in this dumpling cactus are transformed into a feather-like mass of white, this little gem is one of the collectors' prizes. Always a most expensive plant we have at last developed a fine stock of it. 50c.



|| **COLLECTION OF FAIRY BELLS** ||

These all need the same care as given to ferns. They are all free bloomers. **Fairy Bells. Hedge Hog. Orange Figmarigold. Trailing Figmarigold. Banded Aloe. Cotyledon Macrantha. Orange Dyckia. Hen and Chickens.** \$1.25.

QUEEN CACTUS. (*Phyllocactus latifrons*.) Handsome night blooming cactus with huge pure white blossoms 8 to 10 inches long. Very easy to grow and bloom. Stock is always scarce. Treat like Christmas cactus. 75c.

|| **COLLECTION OF HEDGE HOG CACTUS** ||

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FAIRY BELLS. Scarlet and yellow bells as big as your thumbs. Last for weeks. 25c.

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Banded Aloe. A handsome plant with gorgeous orange-red flowers and spotted white and green leaves. 25c.

Orange Dyckia. Small rosettes of spiny leaves and orange red flowers. 25c.

Cotyledon macrantha. Large fleshy leaves rimmed with red. Deep orange flowers. 25c.



Fairy Bells Hedge Hog Orange Figmarigold Trailing Figmarigold Banded Aloe Cotyledon Macrantha Orange Dyckia Hen and Chickens

♦ Many New Cacti Will Be Ready Shortly ♦



ASTROPHYTUM (Star Cactus.) See front cover for colored picture. Handsome ornate plants with fine flowers. **A. ornatum.** A beauty. Fine plants. 50c. **A. ornatum mirbellii.** Handsome. 50c. **A. o. espiralis.** 60c. **A. capricornis x asterias.** A beautiful hybrid. 60c. **A. myriostigma.** Bishop's Cap. 35c. **A. m. coahuilensis.** A rock-like variety. 50c.

OLD MAN CACTUS.

(*Cephalocereus senilis.*)

Perhaps the best known and popular of all cacti. Bears long snow white hair entirely covering the plant. We have only a limited number. Small plants up to 1 inch. 50c. Larger plants. 75c. Grafted on T. Spachianus. \$1.25.

CEPHALOCEREUS or Old Man Cacti all bear a crown of long white hair or wool particularly on the blooming stems. Highly prized by collectors. **E. euphorbioides.** A rare new one. 25c. **C. Russellianus.** Very rare. 35c. **C. albispinus.** White spined. 25c. **C. cometes.** Splendid. 40c. **C. Gounellii.** Rare. 50c. **C. columbianus.** Rare. 40c. **C. Llanosii.** Rare. 25c. **C. Collinii.** New. 50c. **C. Fricii caracasana.** 40c. **C. HOPPENSTEDTII.** Handsome with long, white, hairy spines. 35c.

COLLECTION OF OLD MEN CACTI

Old Man. Old Man of the Mountain. Hoppenstedtii.
Woolly Torch Cactus. *C. euphorbioides*.....\$1.50

Old Lady Cactus. (Mam. Hahniana.) In this striking dumpling cactus we have one of the most recent novelties. One of the rarest with long silky white hair clothing the entire plant. A few plants only an inch or more in diameter with hair beginning to show. 50c.

RATTAIL CACTUS. The Rattail Cactus is an old favorite both for its beautiful Fucshia-like rose flowers and its pendant tail-like branches. In early summers the blossoms appear studding the drooping stems. The plant consists of a cluster of pencil-like stems from 6 inches to a foot or more long which prefer to hang downward. They are thickly covered with short golden brown, harmless spines. An old house plant of 50 years' standing. 25c each. It shows off best when grafted on the snake cactus which allows its stems to hang naturally. Grafted plants 6" to 8". 60c. 8" to 10". 90c.

COLLECTION OF HAIRY CACTI

These are all hairy or woolly cacti. Old
Man. Grizzly Bear. Mam. Bocasana. Silver
Torch Cactus. Woolly
Torch Cactus. Old
Man of the Moun-
tain \$1.95



ROSE TUNA CACTUS. (Prickly Pear)

ROSE TUNA. (*Opuntia basilaris.*) Bears large flowers 3 inches across. The petals look as though made of silk crepe. A dwarf plant with heart-shaped, handsome rosy-red pads. Our plants are collected where the temperature falls to 15° below zero. Will prove hardy in your rock garden if covered with pane of glass to keep it dry. 35c.



BISHOP'S CAP

Flowers darker yellow within. 25c. **O. fragilis.** Grows as far north as the Arctic Circle. 25c. **M. rhodantha.** From the Colorado Rockies. 25c. **O. humistrata.** A dwarf finger cactus with brilliant cerise flowers. 35c. Collection of 8 kinds. \$1.50.

BISHOP'S CAP. (*Astrophytum myriostigma.*) The famous Bishop's Cap has always been a rare cactus and much sought after. Beautiful plants with fine yellow flowers. Mimics the rocks, among which it grows, perfectly. We have only a few at this price. 35c.

FANCIER'S COLLECTION

10 varieties of Cacti, our selection, including

Bishops Cap, Golden Barrel, etc. \$1.95.

25 varieties, our selection, including Old

Man, Queen of the Night, Woolly Torch, etc.

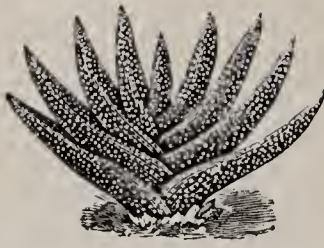
\$4.95.

A Strawberry Jar for a Penthouse Garden

For a 12" Strawberry Jar

If you have never grown a strawberry-jar garden you have missed one of the most attractive phases of indoor gardening. In these skyscrapered gardens you can grow a bewildering variety of plants that will be interesting every day in the year. The strawberry jars may be purchased at any pottery shop or we can ship them. This collection of 10 varieties as illustrated above will interest everyone. (a) Ghost Plant; (b) Starfish Flower; (c) Red Sedum; (d) Tongue Leaf; (e) Rose Moss; (f) Elephant Bush; (g) Necklace Plant; (h) Night Blooming Cactus; (i) Grizzly Bear; (j) Echeveria. \$1.95.

Collectors Throughout the World are Continually Sending Us New Things



HART'S TONGUE

phylla. 50c. **G. nigricans.** 75c. **fasciata.** 75c.

• **CROWN OF THORNS.** (*Euphorbia splendens*). The Crown of Thorns bears its bright scarlet flowers in pairs the year around. Our plants are all of blooming size. This thorny plant lives and thrives for years, making a fine house plant. May be planted outdoors in the summer. 50c.

CURIOSITY COLLECTION

5 Curious, easily grown succulents.

Starfish Flower. Air Plant. Tree Sempervivum. Candle Plant. Red Tips. 95c.

• **LIVING ROCK.** (*Pleiospilos*). A group of African mimicry plants of greatest interest. They completely resemble the rocks among which they grow. Striking large yellow flowers. **M. simulans.** Very rock like. **M. Bolusi.** The one illustrated. **M. Neilii.** Fine rock-like new one. **M. Dekenahii.** Splendid new one, fine flowers. **M. cana.** Evening bloomer. **M. optatus.** Rare. **M. magnipunctata.** Closely dotted leaves. **M. Fergusoni.** Brand new. Nice plants are 35c each. 3 for \$1. Set of 8 for \$2. Large 3 year old specimens perfectly rock-like. \$1 each.

EUPHORBIAS. Strange cactus-like plants from Africa with grotesque forms. **E. obesa.** A fat, round ball. \$1. **E. grandidens.** Tree-like stems, marbled with white. 25c. **E. cereiformis.** A fine one. 50c. **E. pendula.** Long snake-like whips. 25c. **E. pseudocactus.** Beautifully marbled. 50c. **E. resinifera.** 50c. **E. tirucalli.** 25c. **E. crassipes.** Rare new one. \$1.50. **E. multiceps.** Very new one. \$1.50. **E. meloformis.** One of the most striking. \$2.50. **E. Pfersdorffii.** 75c.

SNAKES HEAD EUPHORBIA (*E. caput-medusae*). The rare Medusa's Head from Africa. Bears long snake-like arms from a round head. \$1. **E. caput-medusae major.** A fine, large form. \$1.

CORN COB EUPHORBIA. (*E. mammillaris*) Commonly called the Corn Cob this is one of the easiest to grow with its strange cobs. 50c.

Purple Tree Sempervivum. A beauty with clusters of purple leaves. Also a green leaved variety. 25c. 2 for 35c.

Trailing Figmarigold. Illustrated in color on page 28. Brilliant purple flowers. Orange Figmarigold. Orange flowers. 20c each.

NECKLACE VINE. Pretty heart-shaped succulent leaves strung through the middle on a slender stem like a string of beads. 25c.

JAPANESE PINE. An odd pine-like sedum easily grown in dishes. 20c.

• **COTYLEDON.** Fine bushy plants with thick round leaves and orange red flowers. **C. Barbeyi** with silvery, pure white leaves in opposite pairs. A really good plant. 25c. **C. decussata.** A gem with pencil-like leaves. Powdered pure white. 25c. **C. teretifolia.** Green pencil-like leaves. 25c. **C. papillosa.** Dwarf with single orange bells. 20c.

SPROUTING LEAF. (*Bryophyllum*). Pin the leaves to the wall where they will sprout tiny plants. Succulent leaves borne in pairs topped by clusters of pink bells. 25c.

• **HART'S TONGUE.** (*Gasteria hybrida*). These plants, well shown in the illustration, have beautifully mottled and spotted leaves. They make fine house plants and thrive for many years. 25c. **G. dicta.** More dwarf. 35c. **G. trigona.** 75c. **G. picta.** 75c. **G. acinaciformis.** 75c. **G. marmorata** is a handsome variegated form. Splendid. 50c. **G. verrucosa.** 40c. **G. sulcata.** 50c. **G. cheilo-**

• **AIR PLANTS.** (*Kalanchoe*). Peculiar African plants forming tiny young plants on the old leaves. Some bear the young plants while still attached to the parents. The leaves of others may be pinned to the wall to sprout. **K. tubiflora.** See color illustration front cover. A curious mottled reptile-like plant with gorgeous red flowers at Xmas. 25c. **K. Fedtschenkoi.** Very ornamental and produces many young plants when leaves are pinned to wall. 25c. **K. somaliensis** leaves rimmed with red. 25c. **K. rotundifolia.** Dwarf with red flowers. 25c. **K. daigremontiana.** Many young plants on old leaves. 25c.

Inch Worm Plant. (*Klenzia pendula*) This really does look and almost act like an inch worm. The size of an index finger, beautifully lined green and white with inch wide crimson flowers. The plant humps along like an inch worm. 75c.

• **SILVER HECHTIA.** Red and silver spiny rosettes of leaves. Belongs to Pineapple Family. Very pretty. 25c.

POLKA DOT ALOE. Bronzy leaves heavily spotted with white. 15c.

• **CANDLE PLANT.** An unusual plant with thick jointed stems. Seldom bears leaves. 20c.

Red Sedum.

Bronzy red bead - like leaves in 4 rows down the stems. easily grown. 15c.

ROSARY VINE. (*Ceropegia Woodii*) A pretty succulent with kidney-shaped, silver spotted thick leaves. Flowers look like parachutes. Has a tuberous root. Very peculiar. 25c.

ROCK FACES. (*Lithops*) See front cover for color picture. Strange rock-like plants from African deserts. Small, brown and grey mottled, they are almost impossible to see among the pebbles. To protect themselves from the fierce sunlight they have "windows" in upper surface. L.

TERRICOLOR is the one illustrated. 25c. **L. pseudotruncatella**, **L. Eberlanzii**, **L. Francisci**, **L. Knibensis**, **L. Leslei**. 50c.

• **HEDGE HOG ALOE.** As the illustration shows it is a very attractive plant. Grows easily. 25c.

LOVE PLANT. (*Anacampseros*) Satiny, pink flowers like single roses from small fleshy plants. **A. telephlastrum** is much prized. 25c. **A. lanceolatum.** 25c. **A. filamentosa.** 25c.

• **COCKSCOMB SEDUM.** Flat, fan-like stems like a cockscomb. A rare crested plant. Well crested young plants. 35c.

LIBRARY TABLE COLLECTION

Five pretty cactus to be planted in a bowl. An interesting assortment for a table or above the fireplace. Barrel Cactus. *Cereus Jamaicaru* *C. peruvianus*. Giant Cereus. White Torch Cereus. Postpaid. 95c.

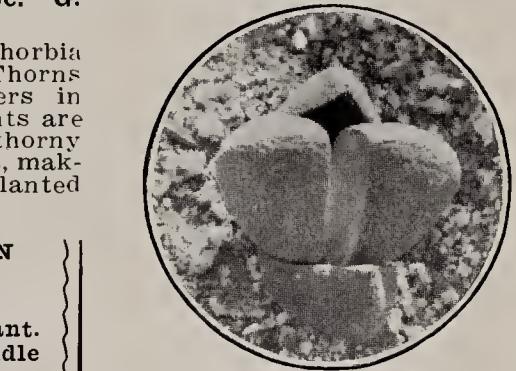
Elephant Bush. Thick red stems with button-like green leaves. 25c.

Scarlet Aloe. (*Aloe striata*) Scarlet bells in big branched clusters. Flowers in late winter. Small clusters of thornless leaves. 25c.

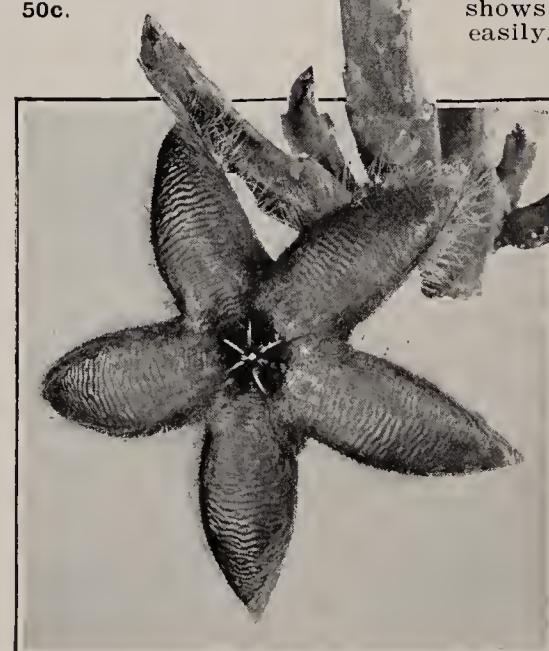
HARDY CACTUS COLLECTION

Five interesting Cacti for the Rock Garden.

Hardy *Coryphanta*. Grizzly Bear. Rose Tuna. Prickly Pear (*O. grandiflora*). *Opuntia vulgaris*.



LIVING ROCK



HAIRY STARFISH FLOWER

Beautiful velvety purple stars three inches across the petals fringed with long white hairs. A strikingly curious blossom with a flesh-like texture. 50c each. Three large flowering kinds including the Giant Starfish with 14-inch spotted blossoms. \$1 Postpaid.



HEDGE HOG ALOE

◆—We Have Hundreds of Cacti and Succulents Not Listed Here—◆

A FEW MORE INTERESTING SUCCULENTS



HAIRY STARFISH FLOWER

Hairy Starfish Flower. (*Stapelia*.) The group of Hairy Starfish Flowers are most striking. The fleshy, purple blossoms are heavily fringed with white or violet hairs. They grow wild in the deserts of South Africa where they hide among the rocks on barren hillsides. The black Kaffir children search them out and eat the succulent finger-like stems. A strikingly curious and decidedly beautiful flower and one that will attract attention wherever shown. 50c. 3 varieties of large flowered kinds. \$1.

BOOKS ON CACTI

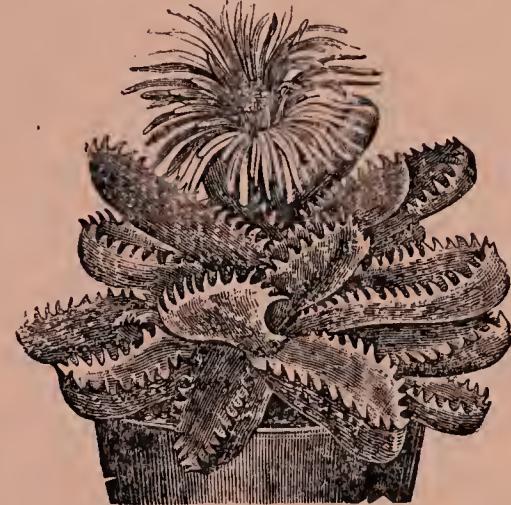
Cacti in the Home. A most interesting 50-page booklet on the growing of Cacti. Just the thing for the beginner to have. It has simple, authoritative chapters on soils, potting, watering, raising from slips, etc. We fully recommend it. 50c.

Cactus and Succulent Journal. A splendid monthly magazine profusely illustrated. A chatty journal dealing with the culture and care of Desert Plants and also their scientific aspects. The Journal is also reprinting each month "The Cactaceae", by Britton and Rose, a book now out of print and worth several hundred dollars a set. \$3 includes membership in the Cactus and Succulent Society of America and the Journal.

Desert Magazine. A fine monthly magazine with the latest stories on Desert Plants and their care. You will enjoy this really helpful crammed full journal. \$1.50 per year.

Our Native Cacti. By E. B. Higgins. 180 pages dealing with cacti and their uses with a chapter on culture. \$2.65 Postpaid.

The Cactus Book. By Dr. A. D. Houghton. An interesting account of the culture of cacti with chapters on window sill culture, cactus rockeries, grafting, propagating. Introduces you to 1000 different kinds. \$2.25 Postpaid.



THE TIGER'S JAWS

This most interesting plant has toothed, thick leaves with a peculiar jaw-like appearance. It grows crouched among the rocks in the deserts of Africa where only its large golden yellow blossoms betray it. An easy plant to grow. 35c. 3 varieties for \$1.

IF YOU HAVE FRIENDS WHO ARE GOING TO BUILD A POOL

WE WOULD APPRECIATE THEIR NAMES SO THAT WE MAY SEND THEM OUR CATALOG

Name _____

Name _____

Street _____

Street _____

City _____

State.

City _____

State.

**JOHNSON WATER GARDENS
HYNES, CALIFORNIA**

ORDER BLANK

JOHNSON WATER GARDENS

WATER LILIES SINCE 1876

HYNES, CALIFORNIA

"SAFE DELIVERY GUARANTEED"

DATE

NAME

STREET or P. O. BOX

CITY _____ **STATE** _____

AMOUNT SENT	
MONEY ORDER \$	_____
CASH	_____
STAMPS	_____
DRAFTS	_____
PLEASE FILL IN	

ORDERING INSTRUCTIONS. All goods except fish are shipped postage free. Unless otherwise instructed Water Lilies will be shipped at earliest date permissible for your locality. Cactus and Succulents, Seeds, Aquarium Plants and Supplies are forwarded immediately. **No Goods Sent C.O.D.**

WE BRING OUR NURSERY TO YOUR DOOR! PLANTS ARE SHIPPED POSTPAID.



TIGER'S JAWS

• **TONGUE LEAF.** (*Glottiphyllum*) Illustrated in color in the Strawberry Jar garden. (Upper left.) A novel plant with tongue-shaped leaves and large yellow blossoms. Easy to grow. *G. linguaeforme*. 25c. *G. Neilii*. 25c.

LIVING ROCK COLLECTION

A group of 5 distinct kinds of mimicry succulents. **I. Rock-face.** **I. Pebble Plant.** 3 varieties **Living Rocks.** \$1.25.

• **TIGER'S JAWS.** (*Faucaria tigrina*) A pretty and curious plant with odd jaw-like toothed leaves. The flowers are bright yellow, 2 inches across. A gem that you will enjoy. 25c. Variety **Superba** with handsome speckled leaves. 40c. **F. Bosscheana**. A new compact variety. 35c. **F. hybrida**. These hybrids are all different.

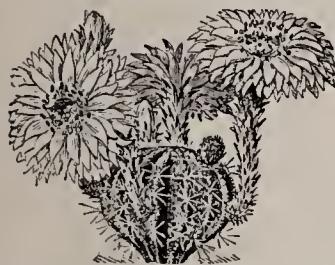
• **ECHEVERIA.** Handsome Mexican plants noted for their beautiful flowers and bright colored rosettes. **E. Hoveyi**. Beautiful rosettes striped pink, white and green. 35c. **E. Peacockii**. Silver white, small rosettes. 35c. **E. setosa**. The Mexican Fire Cracker. One of the best. 25c. **E. nobilis**. Blue-white leaves flushed with wine red. Fine. 25c. **E. expatriata**. Dwarf, green. 25c. **E. simulans**. Green tipped with red. 25c. **E. venezuelensis**. 25c. **E. multicaulis**. Red and green leaves. 25c. **E. coccinea**. 25c. **E. compacta**. 25c. 12 varieties all different our selection. \$2.

MINIATURE CACTUS BOWL

Collection of 6 toy succulents for a small bowl. Plant in a 6" blue or yellow glazed dish. **Xmas Cheer, Prickly Pear, Echeveria simulans, Purple Tree Sempervivum, Air Plant, Blue Sedum...** **95c**

ORANGE BELLS. Clusters of powdery-white, thick, oval leaves and sprays of orange red flowers. 25c.

SILVER CROWN. (*Cotyledon undulatum*) The handsomest and rarest Cotyledon. Bright, silvery, oval leaves with the edges beautifully waved or pleated. A gem. These have always sold at \$5 each. A new supply direct from Africa. 50c each



HEDGE HOG CACTUS

mer long. Easy to grow. 25c. **E. turbinata**. Large, pure white double flowers. Good grower. 30c. **E. Eyresii**. Free bloomer with pink flowers. 25c. **E. albiflora**. White, always in bloom. 35c. **E. hybrida**. Hybrids all different. 25c.

Blue Sedum. Silvery blue, thick, small leaves closely set on short stems. Good house plant. 20c.

FANCIER'S SUCCULENT COLLECTION

12 varieties of succulents our selection including **Tiger's Jaws, Necklace Vine, Silver Hechtia, Window Plant, Starfish Flower, Airplants, etc.** **\$1.95**

• **Hardy Houseleeks or Sempervivums.** Hardy succulents for the outdoor rock garden. Among them is the interesting **Cobweb Sempervivum**. Small rosettes each leaf joined by silky spiderwebs. 35c. **S. Braunii**. Reddish clusters. 15c. **S. tectorum**. Green rosettes tipped with red. 15c. **S. calcareum**. The brightest with dark red-tipped leaves. 20c. **S. globuliferum**. Nice green rosettes. 15c. **S. arenarium**. 15c. 6 varieties. 75c.

• **HAWORTHIAS.** Form small clusters of leaves generally spotted with white dots. Scarce and greatly prized by collectors. **H. SUBFASCIATA**. One of the prettiest. Handsome white dotted leaves. A fancier's plant. 25c. **H. sublata**. Smaller with bigger dots. 40c. **H. rigida**. Deep green pyramids. 35c. **H. cymbiformis**. A fine "window" plant. 20c. **H. tessellata parva**. As though engraved. 50c. **H. pentagona**. 50c. **H. coarctata**. 35c. **H. setata**. Cobweb variety. 50c.

WINDOW PLANTS. The sunlight of African deserts is so intense many plants hide their chlorophyll inside the leaves admitting light through windows only. **KLIENIA REPENS**. Creeper with pickle shaped leaves and long window. 20c. **K. acaulis**. Long narrow window. 25c. **HAWORTHIA CYMBIFORMIS**. Reticulated windows. 25c. **Lithops**. Marbled windows. 25c.

• **SPINY GERANIUM.** (*Pelargonium echinatum*) A succulent, desert geranium with prickly stems that blooms all the year. Pink trusses of flowers with red eye. Each flower spike will bear several clusters. 50c.

• **GHOST PLANT.** (*Byrnesia Weinbergii*) Thick, white leaves in whorls. Looks as though it had been carved out of marble. A gem our patrons buy when they see it. Grows anywhere. 25c.

ARABS TURBAN. (*Crassula columnaris*) Thick, squat leaves wound like a turban with brush-like flowers. A real novelty. 35c.

Pyramid Crassula. (*C. Archeri*) Cone shaped, small plants with leaves so closely set no stem is visible. A novelty just out. 30c. **C. laticephala**. Another rare one with 4 rows of thick leaves. 35c. **C. pachyphylla**. Rare. Thick 4 rowed leaves white flowers. 35c.



Partridge Breast Aloe

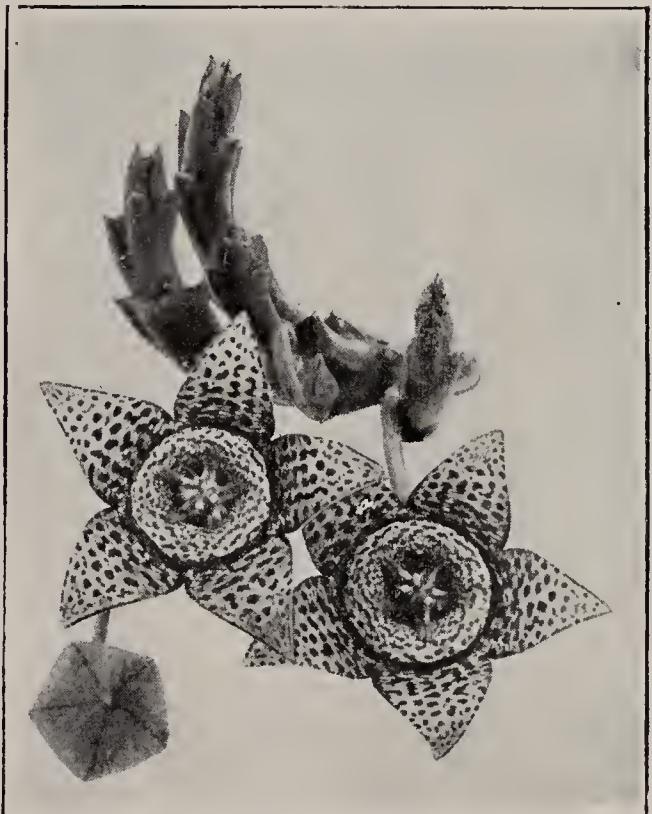
Partridge Breast Aloe. Green and white mottled leaves and spikes of bright red flowers. An old favorite of fanciers. Photograph best describes it. 35c. 3 for \$1.

WINTER BLOOMING COLLECTION

Five that may be depended upon to bloom during the winter. Something unique and different. **Xmas Cactus, Crown of Thorns, Spiny Geranium, Starfish Flower, Airplant.....** **\$1.35**

• **GIANT STARFISH FLOWER.** (*S. gigantea*) The beautiful, huge stars we measured this year were 14 inches across! Enormous spotted flowers bigger than dinner plates on plants not a third the size! 50c.

Stapelia bella. Large, hairy, purple stars. 50c. **Stapelia incomparabilis.** Flesh colored. 50c. **Stapelia grandiflora.** Yellow spotted stars 8" across. 75c.



STARFISH FLOWER

Startling animal-like fleshy flowers! Grow it on your window ledge and prove to your friends that it is real! A strange denizen of South African deserts that will grow perfectly in your home and give you no end of amusement. Easily grown by anyone as a window plant. 35c. 3 for 85c.

♦—————Cactus May Be Shipped the Year Around—————♦



JOHNSON'S SPECIAL COLLECTION

COLLECTION No. 136

Just as it is pictured above so it will brighten your pool for many months during the summer. These hardy, brilliant and easily grown lilies are, every one, noted for their freedom of bloom and for the quickness with which they will come into flower after planting in your pool. This special bargain collection for the small pool is one of our most popular groups.

A. Splendida
B. Comanche

C. Gloriosa
D. Marliac Yellow

The collection includes
10 fine water plants.

. . . SPECIAL PRICE \$750